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9 **RESEARCH AND DEVELOPMENT TECHNICAL REPORT.**

14 **ECOM-DR-75-3 - Vol-3**

6 **ATMOSPHERIC WATERDROP SIZE
DISTRIBUTION AT CAPISTRANO TEST
SITE (CTS) FROM 16 APRIL THROUGH
11 MAY 1974.**

VOLUME III.
Tests CTS-6 through CTS-10.

By

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ABSTRACT

VOLUME III

Atmospheric waterdrop size distribution was measured by a laser fog nephelometer at Capistrano Test Site, California, from 16 April through 11 May 1974. Liquid water content, extinction coefficient, and visibility were calculated from the data obtained. The nephelometer data were collected from sunset to sunrise nightly for 25 consecutive nights. Fog conditions were recorded on 4 of these nights. A time format of 5-minute samples separated by 5-minute pauses was used. The data are presented in tabular form referenced to channel number (i.e., nominal radius). For comparison, the 64 channels of data were treated in four groups of 16 channels each as well as one group of 64 channels. Volume I contains general narrative and background. Volume II contains tabularized data for CTS-1 through CTS-5, this volume for CTS-6 through 10, Volume IV for CTS-11 through 15, Volume V for CTS-16 through 20, and Volume VI for CTS-21 through 25.

→ This volume contains tabularized data
for CTS-6 through CTS-10.

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	5
	66
	129
	194
	250

CHANNEL NUMBER VERSUS NOMINAL RADIUS (MICRONS)

CH	RADIUS	CH	RADIUS
1	2.58	33	25.83
2	2.78	34	27.75
3	2.98	35	29.82
4	3.21	36	32.05
5	3.44	37	34.44
6	3.70	38	37.01
7	3.98	39	39.77
8	4.27	40	42.74
9	4.59	41	45.93
10	4.94	42	49.35
11	5.30	43	53.03
12	5.70	44	56.99
13	6.13	45	61.24
14	6.58	46	65.81
15	7.07	47	70.72
16	7.60	48	75.99
17	8.17	49	81.66
18	8.78	50	87.76
19	9.43	51	94.30
20	10.14	52	101.34
21	10.89	53	108.90
22	11.70	54	117.02
23	12.58	55	125.75
24	13.52	56	135.13
25	14.52	57	145.21
26	15.61	58	156.05
27	16.77	59	167.69
28	18.02	60	180.20
29	19.37	61	193.64
30	20.81	62	208.08
31	22.37	63	223.61
32	24.03	64	240.29

DATA LOCATION REFERENCE

Nephelometer Data

Series # Capistrano Test Site (Day of Data Acquisition Sequence),
Test # (Sample) For Data Starting (24 hr local time) on (Day/Month/
Year).

Data For Channels 1 Thru 16

1 2 3 4 5 6 7 8
9 (Number of droplets counted per channel, i.e., size
distribution).

Extinction Coefficient	=	}	Computed values based on data from channels 1 thru 16
Visibility Limit, Upper, Lower	=		
Liquid Water Content	=		

Particle Count = Total number of water droplets counted in channels
1 thru 16

Data For Channels 17 thru 32
 33 thru 48
 49 thru 64

Same procedure for different channel numbers.

GRAND TOTAL

Sample Volume	=	}	Nephelometer sample volume computed values based on data from channels 1 thru 64
Extinction Coefficient	=		
Visibility Limits	=		
Liquid Water content	=		

Particle Count = Total number of water droplets counted in channels
1 thru 64.

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 1
FOR DATA STARTING 20:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2248	3853	2429	552	149	17	18	11
20	17	14	13	11	12	15	21

EXTINCTION COEFFICIENT = .331E-03 PER METER
VISIBILITY LIMIT, UPPER = 11819., LOWER = 9051. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 6.27 PER CC

DATA FOR CHANNELS 17 THRU 32

10	14	6	8	2	2	1	0
4	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .193E-04 PER METER
VISIBILITY LIMIT, UPPER = 202367., LOWER = 154983. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .350E-03 PER METER
VISIBILITY LIMIT, UPPER = 11167., LOWER = 8552. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = 6.30 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 2
FOR DATA STARTING 20140 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2248	3872	2395	468	157	22	15	11
13	11	18	7	13	8	16	21

EXTINCTION COEFFICIENT = .325E-03 PER METER
VISIBILITY LIMIT, UPPER = 12021., LOWER = 9206. METERS
LIQUID WATER CONTENT = .00066 GM/M3
PARTICLE COUNT = 6.20 PER CC

DATA FOR CHANNELS 17 THRU 32

12	16	5	8	2	2	1	3
0	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .211E-04 PER METER
VISIBILITY LIMIT, UPPER = 185203., LOWER = 141837. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .347E-03 PER METER
VISIBILITY LIMIT, UPPER = 11288., LOWER = 8645. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = 6.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 3
FOR DATA STARTING 20:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

1801	3647	1960	447	111	10	11	9
16	17	24	8	10	10	13	10

EXTINCTION COEFFICIENT = $.285E-03$ PER METER
VISIBILITY LIMIT, UPPER = 13747., LOWER = 10528. METERS
LIQUID WATER CONTENT = $.00058$ GM/M3
PARTICLE COUNT = 5.41 PER CC

DATA FOR CHANNELS 17 THRU 32

9	7	9	1	0	3	0	0
1	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = $.141E-04$ PER METER
VISIBILITY LIMIT, UPPER = 277518., LOWER = 212537. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.301E-03$ PER METER
VISIBILITY LIMIT, UPPER = 12977., LOWER = 9938. METERS
LIQUID WATER CONTENT = $.00074$ GM/M3
PARTICLE COUNT = 5.43 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 4
FOR DATA STARTING 21: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2102	3442	2160	461	150	12	6	16
16	21	8	12	14	10	13	12

EXTINCTION COEFFICIENT = .296E-03 PER METER
VISIBILITY LIMIT, UPPER = 13226., LOWER = 10129. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 5.64 PER CC

DATA FOR CHANNELS 17 THRU 32

14	11	3	8	1	0	1	0
1	1	0	0	1	2	0	0

EXTINCTION COEFFICIENT = .203E-04 PER METER
VISIBILITY LIMIT, UPPER = 192824., LOWER = 147674. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .316E-03 PER METER
VISIBILITY LIMIT, UPPER = 12377., LOWER = 9479. METERS
LIQUID WATER CONTENT = .00077 GM/M3
PARTICLE COUNT = 5.67 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 5
FOR DATA STARTING 21110 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2203	3631	2208	463	141	18	8	12
17	14	13	14	7	14	6	14

EXTINCTION COEFFICIENT = .305E-03 PER METER
VISIBILITY LIMIT, UPPER = 12819., LOWER = 9817. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 5.86 PER CC

DATA FOR CHANNELS 17 THRU 32

16	9	6	1	3	0	0	0
1	2	1	1	0	1	0	1

EXTINCTION COEFFICIENT = .212E-04 PER METER
VISIBILITY LIMIT, UPPER = 184254., LOWER = 141110. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .326E-03 PER METER
VISIBILITY LIMIT, UPPER = 11985., LOWER = 9179. METERS
LIQUID WATER CONTENT = .00081 GM/M3
PARTICLE COUNT = 5.88 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 6
FOR DATA STARTING 21120 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2538	3636	2237	491	174	25	2	10
10	12	10	5	7	11	13	12

EXTINCTION COEFFICIENT = $.317E-03$ PER METER
VISIBILITY LIMIT, UPPER = 12339., LOWER = 9450. METERS
LIQUID WATER CONTENT = $.00063$ GM/M3
PARTICLE COUNT = 6.13 PER CC

DATA FOR CHANNELS 17 THRU 32

14	5	9	2	3	1	0	2
1	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = $.163E-04$ PER METER
VISIBILITY LIMIT, UPPER = 239771., LOWER = 183628. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.333E-03$ PER METER
VISIBILITY LIMIT, UPPER = 11735., LOWER = 8987. METERS
LIQUID WATER CONTENT = $.00076$ GM/M3
PARTICLE COUNT = 6.16 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 7
FOR DATA STARTING 21:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2267	3649	2276	506	131	20	12	15
12	14	9	6	7	5	5	10

EXTINCTION COEFFICIENT = .307E-03 PER METER
VISIBILITY LIMIT, UPPER = 12733., LOWER = 9751. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 5.96 PER CC

DATA FOR CHANNELS 17 THRU 32

14	7	5	6	4	1	2	2
1	1	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .193E-04 PER METER
VISIBILITY LIMIT, UPPER = 202695., LOWER = 155233. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .327E-03 PER METER
VISIBILITY LIMIT, UPPER = 11980., LOWER = 9175. METERS
LIQUID WATER CONTENT = .00075 GM/M3
PARTICLE COUNT = 5.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 8
FOR DATA STARTING 21140 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2364	3701	2182	465	133	19	8	17
5	11	6	10	7	5	7	19

EXTINCTION COEFFICIENT = .308E-03 PER METER
VISIBILITY LIMIT, UPPER = 12695., LOWER = 9723. METERS
LIQUID WATER CONTENT = .00061 GM/M3
PARTICLE COUNT = 5.97 PER CC

DATA FOR CHANNELS 17 THRU 32

15	2	4	1	4	0	2	1
1	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .135E-04 PER METER
VISIBILITY LIMIT, UPPER = 289018., LOWER = 221344. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER = 1049934, LOWER = 804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .325E-03 PER METER
VISIBILITY LIMIT, UPPER = 12022., LOWER = 9207. METERS
LIQUID WATER CONTENT = .00079 GM/M3
PARTICLE COUNT = 5.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 9
FOR DATA STARTING 21:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2111	3272	1990	443	130	25	6	19
9	10	5	7	7	9	15	15

EXTINCTION COEFFICIENT = $.281E-03$ PER METER
VISIBILITY LIMIT, UPPER = 13946., LOWER = 10681. METERS
LIQUID WATER CONTENT = $.00057$ GM/M3
PARTICLE COUNT = 5.38 PER CC

DATA FOR CHANNELS 17 THRU 32

19	9	2	4	3	1	0	1
2	0	3	0	0	0	0	0

EXTINCTION COEFFICIENT = $.188E-04$ PER METER
VISIBILITY LIMIT, UPPER = 207929., LOWER = 159242. METERS
LIQUID WATER CONTENT = $.00014$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.373E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1049934, LOWER = 804091. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.303E-03$ PER METER
VISIBILITY LIMIT, UPPER = 12909., LOWER = 9886. METERS
LIQUID WATER CONTENT = $.00078$ GM/M3
PARTICLE COUNT = 5.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 10
FOR DATA STARTING 22: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

2623	3780	2303	472	147	11	4	3
6	3	5	5	2	6	6	8

EXTINCTION COEFFICIENT = .317E-03 PER METER
VISIBILITY LIMIT, UPPER = 12354., LOWER = 9462. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = 6.26 PER CC

DATA FOR CHANNELS 17 THRU 32

3	7	1	3	1	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .592E-05 PER METER
VISIBILITY LIMIT, UPPER = 660700., LOWER = 505996. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .323E-03 PER METER
VISIBILITY LIMIT, UPPER = 12128., LOWER = 9288. METERS
LIQUID WATER CONTENT = .00065 GM/M3
PARTICLE COUNT = 6.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 11
FOR DATA STARTING 22:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

3515	4785	2732	623	171	10	4	0
3	4	0	1	0	0	0	1

EXTINCTION COEFFICIENT = .392E-03 PER METER
VISIBILITY LIMIT, UPPER = 9985., LOWER = 7647. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = 7.90 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	2	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .151E-05 PER METER
VISIBILITY LIMIT, UPPER = 2589667, LOWER = 1983293 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .393E-03 PER METER
VISIBILITY LIMIT, UPPER = 9947., LOWER = 7618. METERS
LIQUID WATER CONTENT = .00075 GM/M3
PARTICLE COUNT = 7.90 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 12
FOR DATA STARTING 22120 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

6267	9134	4902	1056	291	6	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .713E-03 PER METER
VISIBILITY LIMIT, UPPER = 5486., LOWER = 4201. METERS
LIQUID WATER CONTENT = .00134 GM/M3
PARTICLE COUNT = 14.44 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .173E-05 PER METER
VISIBILITY LIMIT, UPPER = 2256783, LOWER = 1720354 METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .718E-03 PER METER
VISIBILITY LIMIT, UPPER = 5451., LOWER = 4175. METERS
LIQUID WATER CONTENT = .00141 GM/M3
PARTICLE COUNT = 14.44 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 13
FOR DATA STARTING 22130 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

7331	11159	6006	1253	349	17	0	0
3	1	0	0	0	1	1	1

EXTINCTION COEFFICIENT = $.862E-03$ PER METER
VISIBILITY LIMIT, UPPER = 4537., LOWER = 3474. METERS
LIQUID WATER CONTENT = $.00163$ GM/M3
PARTICLE COUNT = 17.41 PER CC

DATA FOR CHANNELS 17 THRU 32

1	1	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.141E-05$ PER METER
VISIBILITY LIMIT, UPPER = 2783835, LOWER = 2131996 METERS
LIQUID WATER CONTENT = $.00001$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.864E-03$ PER METER
VISIBILITY LIMIT, UPPER = 4529., LOWER = 3469. METERS
LIQUID WATER CONTENT = $.00164$ GM/M3
PARTICLE COUNT = 17.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 14
FOR DATA STARTING 22:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

7592	11690	6428	1449	327	17	2	1
1	1	0	0	1	2	1	1

EXTINCTION COEFFICIENT = .910E-03 PER METER
VISIBILITY LIMIT, UPPER = 4298., LOWER = 3292. METERS
LIQUID WATER CONTENT = .00172 GM/M3
PARTICLE COUNT = 18.34 PER CC

DATA FOR CHANNELS 17 THRU 32

2	2	2	0	0	1	2	0
0	0	0	0	0	1	1	0

EXTINCTION COEFFICIENT = .776E-05 PER METER
VISIBILITY LIMIT, UPPER = 504190., LOWER = 386133. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .918E-03 PER METER
VISIBILITY LIMIT, UPPER = 4262., LOWER = 3264. METERS
LIQUID WATER CONTENT = .00180 GM/M3
PARTICLE COUNT = 18.35 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 15
FOR DATA STARTING 22:50 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

12048	20835	11694	2624	594	25	2	0
7	4	0	0	3	1	2	1

EXTINCTION COEFFICIENT = .159E-02 PER METER
VISIBILITY LIMIT, UPPER = 2458., LOWER = 1882. METERS
LIQUID WATER CONTENT = .00301 GM/M3
PARTICLE COUNT = 31.89 PER CC

DATA FOR CHANNELS 17 THRU 32

2	0	2	4	0	1	0	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .502E-05 PER METER
VISIBILITY LIMIT, UPPER = 649908., LOWER = 497732. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER = 297593., LOWER = 227911. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .161E-02 PER METER
VISIBILITY LIMIT, UPPER = 2429., LOWER = 1860. METERS
LIQUID WATER CONTENT = .00337 GM/M3
PARTICLE COUNT = 31.90 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 16
FOR DATA STARTING 23: 0 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

17810	33828	18714	4160	829	17	04	04
07	03	04	01	02	05	04	05

EXTINCTION COEFFICIENT = .251E-02 PER METER
VISIBILITY LIMIT, UPPER = 1556., LOWER = 1192. METERS
LIQUID WATER CONTENT = .00477 GM/M3
PARTICLE COUNT = 50.26 PER CC

DATA FOR CHANNELS 17 THRU 32

3	2	3	1	1	2	4	0
2	0	1	3	0	2	1	2

EXTINCTION COEFFICIENT = .249E-04 PER METER
VISIBILITY LIMIT, UPPER = 156984., LOWER = 120226. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .228E-04 PER METER
VISIBILITY LIMIT, UPPER = 171348., LOWER = 131227. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .256E-02 PER METER
VISIBILITY LIMIT, UPPER = 1527., LOWER = 1169. METERS
LIQUID WATER CONTENT = .00565 GM/M3
PARTICLE COUNT = 50.29 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 17
FOR DATA STARTING 23:10 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

9042	15241	8618	1837	439	11	3	2
1	2	1	0	3	3	2	2

EXTINCTION COEFFICIENT = .117E-02 PER METER
VISIBILITY LIMIT, UPPER = 3343., LOWER = 2560. METERS
LIQUID WATER CONTENT = .00222 GM/M3
PARTICLE COUNT = 23.47 PER CC

DATA FOR CHANNELS 17 THRU 32

5	1	2	3	1	1	2	1
1	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .100E-04 PER METER
VISIBILITY LIMIT, UPPER = 391177., LOWER = 299582. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .118E-02 PER METER
VISIBILITY LIMIT, UPPER = 3306., LOWER = 2532. METERS
LIQUID WATER CONTENT = .00236 GM/M3
PARTICLE COUNT = 23.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 18
FOR DATA STARTING 23:20 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

8090	13863	8155	1691	420	17	9	11
13	10	16	11	15	16	9	12

EXTINCTION COEFFICIENT = .109E-02 PER METER
VISIBILITY LIMIT, UPPER = 3591., LOWER = 2750. METERS
LIQUID WATER CONTENT = .00210 GM/M3
PARTICLE COUNT = 21.57 PER CC

DATA FOR CHANNELS 17 THRU 32

13	11	19	6	8	5	3	1
1	1	0	1	0	1	2	0

EXTINCTION COEFFICIENT = .357E-04 PER METER
VISIBILITY LIMIT, UPPER = 109534., LOWER = 83886. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .103E-04 PER METER
VISIBILITY LIMIT, UPPER = 378948., LOWER = 290216. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .114E-02 PER METER
VISIBILITY LIMIT, UPPER = 3446., LOWER = 2639. METERS
LIQUID WATER CONTENT = .00260 GM/M3
PARTICLE COUNT = 21.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 19
FOR DATA STARTING 23:30 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

6458	11298	6812	1468	380	31	18	15
18	10	14	11	12	24	15	26

EXTINCTION COEFFICIENT = $.907E-03$ PER METER
VISIBILITY LIMIT, UPPER = 4314., LOWER = 3304. METERS
LIQUID WATER CONTENT = $.00177$ GM/M3
PARTICLE COUNT = 17.74 PER CC

DATA FOR CHANNELS 17 THRU 32

16	23	23	32	19	11	3	4
3	1	4	1	2	0	1	0

EXTINCTION COEFFICIENT = $.700E-04$ PER METER
VISIBILITY LIMIT, UPPER = 55865., LOWER = 42784. METERS
LIQUID WATER CONTENT = $.00055$ GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.430E-05$ PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.981E-03$ PER METER
VISIBILITY LIMIT, UPPER = 3987., LOWER = 3054. METERS
LIQUID WATER CONTENT = $.00242$ GM/M3
PARTICLE COUNT = 17.84 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 20
FOR DATA STARTING 23:40 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

4673	8043	4986	985	265	30	32	34
67	26	16	24	16	22	39	46

EXTINCTION COEFFICIENT = .677E-03 PER METER
VISIBILITY LIMIT, UPPER = 5774., LOWER = 4422. METERS
LIQUID WATER CONTENT = .00138 GM/M3
PARTICLE COUNT = 12.87 PER CC

DATA FOR CHANNELS 17 THRU 32

42	36	25	28	15	8	4	6
6	1	2	2	2	1	0	1

EXTINCTION COEFFICIENT = .828E-04 PER METER
VISIBILITY LIMIT, UPPER = 47252., LOWER = 36188. METERS
LIQUID WATER CONTENT = .00065 GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .103E-04 PER METER
VISIBILITY LIMIT, UPPER = 378948., LOWER = 290216. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .771E-03 PER METER
VISIBILITY LIMIT, UPPER = 5077., LOWER = 3888. METERS
LIQUID WATER CONTENT = .00223 GM/M3
PARTICLE COUNT = 12.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 21
FOR DATA STARTING 23150 ON 21/ 4/74

DATA FOR CHANNELS 1 THRU 16

4431	7383	4595	953	285	19	14	13
19	16	11	13	13	16	25	12

EXTINCTION COEFFICIENT = .611E-03 PER METER
VISIBILITY LIMIT, UPPER = 6401., LOWER = 4902. METERS
LIQUID WATER CONTENT = .00121 GM/M3
PARTICLE COUNT = 11.86 PER CC

DATA FOR CHANNELS 17 THRU 32

19	14	17	9	5	3	5	1
2	2	1	0	2	1	2	0

EXTINCTION COEFFICIENT = .425E-04 PER METER
VISIBILITY LIMIT, UPPER = 92140., LOWER = 70565. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .656E-03 PER METER
VISIBILITY LIMIT, UPPER = 5960., LOWER = 4564. METERS
LIQUID WATER CONTENT = .00162 GM/M3
PARTICLE COUNT = 11.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 22
FOR DATA STARTING 01 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4478	7388	4323	880	223	17	10	15
25	15	25	10	11	10	15	13

EXTINCTION COEFFICIENT = $.595E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6575., LOWER = 5035. METERS
LIQUID WATER CONTENT = $.00117$ GM/M3
PARTICLE COUNT = 11.64 PER CC

DATA FOR CHANNELS 17 THRU 32

10	13	16	8	6	2	2	0
2	0	3	3	1	1	0	1

EXTINCTION COEFFICIENT = $.370E-04$ PER METER
VISIBILITY LIMIT, UPPER = 105611., LOWER = 80882. METERS
LIQUID WATER CONTENT = $.00033$ GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.632E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6190., LOWER = 4740. METERS
LIQUID WATER CONTENT = $.00150$ GM/M3
PARTICLE COUNT = 11.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 23
FOR DATA STARTING 0110 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4037	7100	4241	915	215	20	25	10
12	10	10	10	15	20	.20	22

EXTINCTION COEFFICIENT = $.577E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6785., LOWER = 5196. METERS
LIQUID WATER CONTENT = $.00115$ GM/M3
PARTICLE COUNT = 11.13 PER CC

DATA FOR CHANNELS 17 THRU 32

25	16	20	10	11	10	0	1
1	2	2	1	0	0	1	0

EXTINCTION COEFFICIENT = $.446E-04$ PER METER
VISIBILITY LIMIT, UPPER = 87681., LOWER = 67151. METERS
LIQUID WATER CONTENT = $.00034$ GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.621E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6297., LOWER = 4823. METERS
LIQUID WATER CONTENT = $.00149$ GM/M3
PARTICLE COUNT = 11.20 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 24
FOR DATA STARTING 0120 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4815	8404	5042	1050	291	20	9	6
13	13	10	13	6	13	17	23

EXTINCTION COEFFICIENT = $.674E-03$ PER METER
VISIBILITY LIMIT, UPPER = 5800., LOWER = 4448. METERS
LIQUID WATER CONTENT = $.00132$ GM/M3
PARTICLE COUNT = 13.16 PER CC

DATA FOR CHANNELS 17 THRU 32

15	13	9	12	8	4	4	2
2	0	1	1	1	0	0	0

EXTINCTION COEFFICIENT = $.332E-04$ PER METER
VISIBILITY LIMIT, UPPER = 117702., LOWER = 90142. METERS
LIQUID WATER CONTENT = $.00025$ GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.707E-03$ PER METER
VISIBILITY LIMIT, UPPER = 5535., LOWER = 4239. METERS
LIQUID WATER CONTENT = $.00157$ GM/M3
PARTICLE COUNT = 13.21 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 25
FOR DATA STARTING 0130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4539	7629	4671	979	298	33	18	21
26	25	21	10	19	19	25	42

EXTINCTION COEFFICIENT = .639E-03 PER METER
VISIBILITY LIMIT, UPPER = 6118., LOWER = 4685. METERS
LIQUID WATER CONTENT = .00129 GM/M3
PARTICLE COUNT = 12.25 PER CC

DATA FOR CHANNELS 17 THRU 32

21	27	19	21	12	7	7	2
4	2	1	3	0	0	0	0

EXTINCTION COEFFICIENT = .577E-04 PER METER
VISIBILITY LIMIT, UPPER = 67813., LOWER = 51935. METERS
LIQUID WATER CONTENT = .00043 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .710E-05 PER METER
VISIBILITY LIMIT, UPPER = 551239., LOWER = 422166. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .704E-03 PER METER
VISIBILITY LIMIT, UPPER = 5555., LOWER = 4254. METERS
LIQUID WATER CONTENT = .00186 GM/M3
PARTICLE COUNT = 12.34 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 26
FOR DATA STARTING 0:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

3551	5721	3418	667	205	25	24	22
34	22	17	15	14	10	28	25

EXTINCTION COEFFICIENT = $.480E-03$ PER METER
VISIBILITY LIMIT, UPPER = 8147., LOWER = 6239. METERS
LIQUID WATER CONTENT = $.00097$ GM/M3
PARTICLE COUNT = 9.20 PER CC

DATA FOR CHANNELS 17 THRU 32

15	14	27	16	4	4	0	2
4	1	2	1	1	1	1	0

EXTINCTION COEFFICIENT = $.452E-04$ PER METER
VISIBILITY LIMIT, UPPER = 86498., LOWER = 66244. METERS
LIQUID WATER CONTENT = $.00037$ GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.525E-03$ PER METER
VISIBILITY LIMIT, UPPER = 7445., LOWER = 5702. METERS
LIQUID WATER CONTENT = $.00134$ GM/M3
PARTICLE COUNT = 9.26 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 27
FOR DATA STARTING 0150 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2487	3950	2416	511	149	19	12	12
17	13	11	13	10	16	15	22

EXTINCTION COEFFICIENT = $.338E-03$ PER METER
VISIBILITY LIMIT, UPPER = 11569., LOWER = 8860. METERS
LIQUID WATER CONTENT = $.00069$ GM/M3
PARTICLE COUNT = 6.45 PER CC

DATA FOR CHANNELS 17 THRU 32

14	18	11	3	8	3	1	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.233E-04$ PER METER
VISIBILITY LIMIT, UPPER = 168198., LOWER = 128814. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.361E-03$ PER METER
VISIBILITY LIMIT, UPPER = 10825., LOWER = 8290. METERS
LIQUID WATER CONTENT = $.00084$ GM/M3
PARTICLE COUNT = 6.49 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 28
FOR DATA STARTING 11:00 ON 22/4/74

DATA FOR CHANNELS 1 THRU 16

1883	2956	1912	412	99	14	16	14
19	21	18	4	4	9	6	13

EXTINCTION COEFFICIENT = .258E-03 PER METER
VISIBILITY LIMIT, UPPER = 15158., LOWER = 11609. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = 4.93 PER CC

DATA FOR CHANNELS 17 THRU 32

13	7	7	7	5	3	3	2
2	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .220E-04 PER METER
VISIBILITY LIMIT, UPPER = 177604., LOWER = 136018. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .280E-03 PER METER
VISIBILITY LIMIT, UPPER = 13966., LOWER = 10696. METERS
LIQUID WATER CONTENT = .00068 GM/M3
PARTICLE COUNT = 4.97 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 29
FOR DATA STARTING 1110 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1738	2646	1669	372	103	17	6	15
17	17	13	9	12	8	10	9

EXTINCTION COEFFICIENT = .233E-03 PER METER
VISIBILITY LIMIT, UPPER = 16755., LOWER = 12832. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.44 PER CC

DATA FOR CHANNELS 17 THRU 32

13	10	9	7	7	2	0	0
1	2	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .249E-04 PER METER
VISIBILITY LIMIT, UPPER = 157179., LOWER = 120375. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .263E-03 PER METER
VISIBILITY LIMIT, UPPER = 14893., LOWER = 11406. METERS
LIQUID WATER CONTENT = .00076 GM/M3
PARTICLE COUNT = 4.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 30
FOR DATA STARTING 1:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1599	2280	1354	309	85	13	6	7
12	14	8	10	6	4	6	11

EXTINCTION COEFFICIENT = .198E-03 PER METER
VISIBILITY LIMIT, UPPER = 19722., LOWER = 15104. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = 3.82 PER CC

DATA FOR CHANNELS 17 THRU 32

14	10	5	3	3	1	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .134E-04 PER METER
VISIBILITY LIMIT, UPPER = 292382., LOWER = 223920. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .212E-03 PER METER
VISIBILITY LIMIT, UPPER = 18475., LOWER = 14149. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 3.84 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 31
FOR DATA STARTING 1:30 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

998	1459	947	197	56	14	7	5
9	17	13	9	9	6	1	11

EXTINCTION COEFFICIENT = .134E-03 PER METER
VISIBILITY LIMIT, UPPER = 29221., LOWER = 22379. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 2.51 PER CC

DATA FOR CHANNELS 17 THRU 32

12	9	5	1	1	2	1	1
1	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .155E-04 PER METER
VISIBILITY LIMIT, UPPER = 252364., LOWER = 193272. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .152E-03 PER METER
VISIBILITY LIMIT, UPPER = 25708., LOWER = 19688. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = 2.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 32
FOR DATA STARTING 1140 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

857	1208	783	143	68	10	5	4
5	6	8	6	6	6	7	5

EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35431., LOWER = 27135. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 2.00 PER CC

DATA FOR CHANNELS 17 THRU 32

5	7	1	3	1	1	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .716E-05 PER METER
VISIBILITY LIMIT, UPPER = 546644., LOWER = 418646. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .118E-03 PER METER
VISIBILITY LIMIT, UPPER = 33275., LOWER = 25483. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 2.10 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 33
FOR DATA STARTING 1:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

984	1307	831	195	50	13	2	9
5	6	9	4	2	7	7	11

EXTINCTION COEFFICIENT = .121E-03 PER METER
VISIBILITY LIMIT, UPPER = 32198., LOWER = 24659. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 2.29 PER CC

DATA FOR CHANNELS 17 THRU 32

6	8	4	4	2	1	2	1
0	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .133E-04 PER METER
VISIBILITY LIMIT, UPPER = 293513., LOWER = 224786. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .135E-03 PER METER
VISIBILITY LIMIT, UPPER = 29015., LOWER = 22221. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 2.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 34
FOR DATA STARTING 2: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

905	1449	928	198	64	6	4	3
4	6	9	2	4	2	4	5

EXTINCTION COEFFICIENT = .125E-03 PER METER
VISIBILITY LIMIT, UPPER = 31409., LOWER = 24055. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 2.40 PER CC

DATA FOR CHANNELS 17 THRU 32

4	2	3	1	0	0	1	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .607E-05 PER METER
VISIBILITY LIMIT, UPPER = 644495., LOWER = 493586. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .157E-03 PER METER
VISIBILITY LIMIT, UPPER = 24907., LOWER = 19075. METERS
LIQUID WATER CONTENT = .02028 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .288E-03 PER METER
VISIBILITY LIMIT, UPPER = 13598., LOWER = 10414. METERS
LIQUID WATER CONTENT = .02058 GM/M3
PARTICLE COUNT = 2.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 35
FOR DATA STARTING 2:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2670	3663	2017	420	112	8	3	1
1	4	0	2	1	6	0	1

EXTINCTION COEFFICIENT = .295E-03 PER METER
VISIBILITY LIMIT, UPPER = 13274., LOWER = 10166. METERS
LIQUID WATER CONTENT = .00056 GM/M3
PARTICLE COUNT = 5.94 PER CC

DATA FOR CHANNELS 17 THRU 32

0	3	1	1	2	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .365E-05 PER METER
VISIBILITY LIMIT, UPPER = 1072115, LOWER = 821078. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .298E-03 PER METER
VISIBILITY LIMIT, UPPER = 13112., LOWER = 10042. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 5.94 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 36
FOR DATA STARTING 2:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

3634	4913	2717	598	130	10	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .394E-03 PER METER
VISIBILITY LIMIT, UPPER = 9921., LOWER = 7598. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = 8.00 PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-06 PER METER
VISIBILITY LIMIT, UPPER = \$\$\$\$\$\$, LOWER = \$\$\$\$\$\$ METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .395E-03 PER METER
VISIBILITY LIMIT, UPPER = 9914., LOWER = 7593. METERS
LIQUID WATER CONTENT = .00074 GM/M3
PARTICLE COUNT = 8.00 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 37
FOR DATA STARTING 2130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

33592	52900	24790	2893	468	84	88	95
110	155	144	181	191	216	179	204

EXTINCTION COEFFICIENT = .396E-02 PER METER
VISIBILITY LIMIT, UPPER = 988., LOWER = 757. METERS
LIQUID WATER CONTENT = .00794 GM/M3
PARTICLE COUNT = 77.53 PER CC

DATA FOR CHANNELS 17 THRU 32

144	190	146	111	92	79	70	82
76	69	62	51	80	70	73	68

EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3119., LOWER = 2389. METERS
LIQUID WATER CONTENT = .01422 GM/M3
PARTICLE COUNT = .98 PER CC

DATA FOR CHANNELS 33 THRU 48

85	75	89	89	85	100	105	96
95	70	56	37	17	10	12	2

EXTINCTION COEFFICIENT = .709E-02 PER METER
VISIBILITY LIMIT, UPPER = 552., LOWER = 423. METERS
LIQUID WATER CONTENT = .21137 GM/M3
PARTICLE COUNT = .68 PER CC

DATA FOR CHANNELS 49 THRU 64

2	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .931E-04 PER METER
VISIBILITY LIMIT, UPPER = 42010., LOWER = 32173. METERS
LIQUID WATER CONTENT = .00538 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .124E-01 PER METER
VISIBILITY LIMIT, UPPER = 316., LOWER = 242. METERS
LIQUID WATER CONTENT = .23892 GM/M3
PARTICLE COUNT = 79.19 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 38
FOR DATA STARTING 2:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

54180	97616	47096	3939	590	239	257	311
349	458	500	627	679	708	697	661

EXTINCTION COEFFICIENT = $.744E-02$ PER METER
VISIBILITY LIMIT, UPPER = 526., LOWER = 403. METERS
LIQUID WATER CONTENT = $.01579$ GM/M3
PARTICLE COUNT = 139.27 PER CC

DATA FOR CHANNELS 17 THRU 32

644	586	512	489	399	327	262	235
232	217	208	205	168	228	234	222

EXTINCTION COEFFICIENT = $.417E-02$ PER METER
VISIBILITY LIMIT, UPPER = 939., LOWER = 719. METERS
LIQUID WATER CONTENT = $.04614$ GM/M3
PARTICLE COUNT = 3.45 PER CC

DATA FOR CHANNELS 33 THRU 48

240	264	315	292	292	288	318	282
237	169	117	84	34	20	11	4

EXTINCTION COEFFICIENT = $.189E-01$ PER METER
VISIBILITY LIMIT, UPPER = 207., LOWER = 159. METERS
LIQUID WATER CONTENT = $.53538$ GM/M3
PARTICLE COUNT = 1.98 PER CC

DATA FOR CHANNELS 49 THRU 64

2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.559E-04$ PER METER
VISIBILITY LIMIT, UPPER = 70020., LOWER = 53625. METERS
LIQUID WATER CONTENT = $.00304$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.305E-01$ PER METER
VISIBILITY LIMIT, UPPER = 128., LOWER = 98. METERS
LIQUID WATER CONTENT = $.60035$ GM/M3
PARTICLE COUNT = 144.70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 39
FOR DATA STARTING 2150 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

24722	60545	36685	5063	926	256	330	413
605	907	1043	1226	1352	1397	1318	1168

EXTINCTION COEFFICIENT = $.581E-02$ PER METER
VISIBILITY LIMIT, UPPER = 674., LOWER = 516. METERS
LIQUID WATER CONTENT = $.01454$ GM/M3
PARTICLE COUNT = 91.97 PER CC

DATA FOR CHANNELS 17 THRU 32

1101	999	879	709	548	430	316	271
277	260	289	258	228	253	308	269

EXTINCTION COEFFICIENT = $.551E-02$ PER METER
VISIBILITY LIMIT, UPPER = 709., LOWER = 543. METERS
LIQUID WATER CONTENT = $.05942$ GM/M3
PARTICLE COUNT = 4.93 PER CC

DATA FOR CHANNELS 33 THRU 48

289	298	293	317	279	296	280	236
175	137	91	46	22	12	7	1

EXTINCTION COEFFICIENT = $.163E-01$ PER METER
VISIBILITY LIMIT, UPPER = 239., LOWER = 183. METERS
LIQUID WATER CONTENT = $.44371$ GM/M3
PARTICLE COUNT = 1.85 PER CC

DATA FOR CHANNELS 49 THRU 64

2	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.931E-04$ PER METER
VISIBILITY LIMIT, UPPER = 42010., LOWER = 32173. METERS
LIQUID WATER CONTENT = $.00538$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.278E-01$ PER METER
VISIBILITY LIMIT, UPPER = 141., LOWER = 108. METERS
LIQUID WATER CONTENT = $.52304$ GM/M3
PARTICLE COUNT = 98.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 40
FOR DATA STARTING 3: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

21272	52241	31904	4464	797	240	279	394
564	824	968	1082	1197	1097	1037	896

EXTINCTION COEFFICIENT = .498E-02 PER METER
VISIBILITY LIMIT, UPPER = 785., LOWER = 601. METERS
LIQUID WATER CONTENT = .01234 GM/M3
PARTICLE COUNT = 79.50 PER CC

DATA FOR CHANNELS 17 THRU 32

862	860	807	733	684	526	469	441
458	434	462	385	332	252	224	201

EXTINCTION COEFFICIENT = .628E-02 PER METER
VISIBILITY LIMIT, UPPER = 623., LOWER = 477. METERS
LIQUID WATER CONTENT = .06621 GM/M3
PARTICLE COUNT = 5.42 PER CC

DATA FOR CHANNELS 33 THRU 48

194	161	178	148	147	170	143	161
167	106	89	77	38	25	12	6

EXTINCTION COEFFICIENT = .123E-01 PER METER
VISIBILITY LIMIT, UPPER = 317., LOWER = 243. METERS
LIQUID WATER CONTENT = .36789 GM/M3
PARTICLE COUNT = 1.21 PER CC

DATA FOR CHANNELS 49 THRU 64

4	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .144E-03 PER METER
VISIBILITY LIMIT, UPPER = 27167., LOWER = 20806. METERS
LIQUID WATER CONTENT = .00797 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .237E-01 PER METER
VISIBILITY LIMIT, UPPER = 165., LOWER = 126. METERS
LIQUID WATER CONTENT = .45441 GM/M3
PARTICLE COUNT = 86.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 41
FOR DATA STARTING 3:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2148	3489	2211	438	113	23	15	11
20	19	14	11	6	9	9	12

EXTINCTION COEFFICIENT = .297E-03 PER METER
VISIBILITY LIMIT, UPPER = 13174., LOWER = 10089. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 5.70 PER CC

DATA FOR CHANNELS 17 THRU 32

17	11	9	8	3	2	0	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .194E-04 PER METER
VISIBILITY LIMIT, UPPER = 201797., LOWER = 154546. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .320E-03 PER METER
VISIBILITY LIMIT, UPPER = 12242., LOWER = 9376. METERS
LIQUID WATER CONTENT = .00078 GM/M3
PARTICLE COUNT = 5.73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 42
FOR DATA STARTING 3:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2545	4247	2652	546	146	23	10	19
27	11	11	2	3	5	11	17

EXTINCTION COEFFICIENT = $.354E-03$ PER METER
VISIBILITY LIMIT, UPPER = 11045., LOWER = 8459. METERS
LIQUID WATER CONTENT = $.00070$ GM/M3
PARTICLE COUNT = 6.85 PER CC

DATA FOR CHANNELS 17 THRU 32

13	10	7	4	3	2	2	2
1	1	0	1	0	0	0	0

EXTINCTION COEFFICIENT = $.200E-04$ PER METER
VISIBILITY LIMIT, UPPER = 196088., LOWER = 150174. METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.374E-03$ PER METER
VISIBILITY LIMIT, UPPER = 10456., LOWER = 8008. METERS
LIQUID WATER CONTENT = $.00085$ GM/M3
PARTICLE COUNT = 6.88 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 43
FOR DATA STARTING 3:30 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

41208	76552	38773	3706	513	215	220	320
395	500	505	654	640	647	666	599

EXTINCTION COEFFICIENT = $.604E-02$ PER METER
VISIBILITY LIMIT, UPPER = 647., LOWER = 496. METERS
LIQUID WATER CONTENT = $.01311$ GM/M3
PARTICLE COUNT = 110.74 PER CC

DATA FOR CHANNELS 17 THRU 32

488	466	408	366	364	339	309	301
343	367	380	365	357	354	328	358

EXTINCTION COEFFICIENT = $.579E-02$ PER METER
VISIBILITY LIMIT, UPPER = 676., LOWER = 518. METERS
LIQUID WATER CONTENT = $.06836$ GM/M3
PARTICLE COUNT = 3.93 PER CC

DATA FOR CHANNELS 33 THRU 48

334	348	341	291	281	211	187	147
124	74	60	40	40	13	18	4

EXTINCTION COEFFICIENT = $.140E-01$ PER METER
VISIBILITY LIMIT, UPPER = 280., LOWER = 214. METERS
LIQUID WATER CONTENT = $.37841$ GM/M3
PARTICLE COUNT = 1.68 PER CC

DATA FOR CHANNELS 49 THRU 64

2	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.881E-04$ PER METER
VISIBILITY LIMIT, UPPER = 44390., LOWER = 33996. METERS
LIQUID WATER CONTENT = $.00493$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.259E-01$ PER METER
VISIBILITY LIMIT, UPPER = 151., LOWER = 116. METERS
LIQUID WATER CONTENT = $.46481$ GM/M3
PARTICLE COUNT = 116.35 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 44
FOR DATA STARTING 3140 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

37193	65910	32822	3527	586	237	387	325
440	535	652	744	792	888	964	942

EXTINCTION COEFFICIENT = $.562E-02$ PER METER
VISIBILITY LIMIT, UPPER = 696., LOWER = 533. METERS
LIQUID WATER CONTENT = $.01299$ GM/M3
PARTICLE COUNT = 97.91 PER CC

DATA FOR CHANNELS 17 THRU 32

755	677	659	588	454	327	213	164
140	121	115	114	91	89	86	97

EXTINCTION COEFFICIENT = $.287E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1365., LOWER = 1046. METERS
LIQUID WATER CONTENT = $.02750$ GM/M3
PARTICLE COUNT = 3.13 PER CC

DATA FOR CHANNELS 33 THRU 48

107	91	79	94	83	107	99	100
78	93	91	90	81	41	43	27

EXTINCTION COEFFICIENT = $.112E-01$ PER METER
VISIBILITY LIMIT, UPPER = 348., LOWER = 266. METERS
LIQUID WATER CONTENT = $.38576$ GM/M3
PARTICLE COUNT = .87 PER CC

DATA FOR CHANNELS 49 THRU 64

15	8	3	4	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.101E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3871., LOWER = 2965. METERS
LIQUID WATER CONTENT = $.06017$ GM/M3
PARTICLE COUNT = .02 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.207E-01$ PER METER
VISIBILITY LIMIT, UPPER = 189., LOWER = 144. METERS
LIQUID WATER CONTENT = $.48642$ GM/M3
PARTICLE COUNT = 101.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 45
FOR DATA STARTING 3:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

37225	74771	38560	3340	577	374	427	541
725	887	1076	1232	1419	1375	1439	1356

EXTINCTION COEFFICIENT = .671E-02 PER METER
VISIBILITY LIMIT, UPPER = 583., LOWER = 447. METERS
LIQUID WATER CONTENT = .01641 GM/M3
PARTICLE COUNT = 110.22 PER CC

DATA FOR CHANNELS 17 THRU 32

1180	1071	1018	992	775	594	477	385
346	326	311	375	312	290	301	314

EXTINCTION COEFFICIENT = .674E-02 PER METER
VISIBILITY LIMIT, UPPER = 580., LOWER = 444. METERS
LIQUID WATER CONTENT = .07171 GM/M3
PARTICLE COUNT = 6.04 PER CC

DATA FOR CHANNELS 33 THRU 48

307	272	233	262	243	218	186	196
159	144	136	121	111	107	75	36

EXTINCTION COEFFICIENT = .212E-01 PER METER
VISIBILITY LIMIT, UPPER = 185., LOWER = 142. METERS
LIQUID WATER CONTENT = .69142 GM/M3
PARTICLE COUNT = 1.87 PER CC

DATA FOR CHANNELS 49 THRU 64

21	10	3	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .102E-02 PER METER
VISIBILITY LIMIT, UPPER = 3832., LOWER = 2934. METERS
LIQUID WATER CONTENT = .05784 GM/M3
PARTICLE COUNT = .02 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .356E-01 PER METER
VISIBILITY LIMIT, UPPER = 110., LOWER = 84. METERS
LIQUID WATER CONTENT = .83738 GM/M3
PARTICLE COUNT = 118.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 46
FOR DATA STARTING 4: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

28322	56685	30451	3401	588	264	334	424
558	725	900	1000	1049	1196	1187	1136

EXTINCTION COEFFICIENT = $.527E-02$ PER METER
VISIBILITY LIMIT, UPPER = 742., LOWER = 568. METERS
LIQUID WATER CONTENT = $.01306$ GM/M3
PARTICLE COUNT = 85.48 PER CC

DATA FOR CHANNELS 17 THRU 32

883	809	741	551	485	353	255	207
200	204	263	238	234	230	223	238

EXTINCTION COEFFICIENT = $.464E-02$ PER METER
VISIBILITY LIMIT, UPPER = 843., LOWER = 646. METERS
LIQUID WATER CONTENT = $.05035$ GM/M3
PARTICLE COUNT = 4.08 PER CC

DATA FOR CHANNELS 33 THRU 48

260	213	256	236	227	250	187	203
186	145	113	82	49	22	9	9

EXTINCTION COEFFICIENT = $.159E-01$ PER METER
VISIBILITY LIMIT, UPPER = 246., LOWER = 189. METERS
LIQUID WATER CONTENT = $.46156$ GM/M3
PARTICLE COUNT = 1.63 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-04$ PER METER
VISIBILITY LIMIT, UPPER = 140040., LOWER = 107249. METERS
LIQUID WATER CONTENT = $.00152$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.258E-01$ PER METER
VISIBILITY LIMIT, UPPER = 151., LOWER = 116. METERS
LIQUID WATER CONTENT = $.52649$ GM/M3
PARTICLE COUNT = 91.19 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 47
FOR DATA STARTING 4:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

32679	68772	36019	3180	569	347	409	547
725	1052	1200	1445	1524	1736	1779	1666

EXTINCTION COEFFICIENT = .657E-02 PER METER
VISIBILITY LIMIT, UPPER = 595., LOWER = 456. METERS
LIQUID WATER CONTENT = .01691 GM/M3
PARTICLE COUNT = 102.43 PER CC

DATA FOR CHANNELS 17 THRU 32

1329	1271	963	878	739	545	386	353
276	278	239	242	248	255	317	307

EXTINCTION COEFFICIENT = .612E-02 PER METER
VISIBILITY LIMIT, UPPER = 639., LOWER = 489. METERS
LIQUID WATER CONTENT = .06460 GM/M3
PARTICLE COUNT = 5.75 PER CC

DATA FOR CHANNELS 33 THRU 48

309	324	348	370	366	378	352	325
268	216	155	130	60	42	19	7

EXTINCTION COEFFICIENT = .240E-01 PER METER
VISIBILITY LIMIT, UPPER = 163., LOWER = 125. METERS
LIQUID WATER CONTENT = .69795 GM/M3
PARTICLE COUNT = 2.45 PER CC

DATA FOR CHANNELS 49 THRU 64

2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .559E-04 PER METER
VISIBILITY LIMIT, UPPER = 70020., LOWER = 53625. METERS
LIQUID WATER CONTENT = .00304 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .368E-01 PER METER
VISIBILITY LIMIT, UPPER = 106., LOWER = 81. METERS
LIQUID WATER CONTENT = .78250 GM/M3
PARTICLE COUNT = 110.63 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 48
FOR DATA STARTING 4:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

42804	83332	42478	3545	573	327	387	432
590	742	850	1048	1151	1200	1211	1085

EXTINCTION COEFFICIENT = $.701E-02$ PER METER
VISIBILITY LIMIT, UPPER = 558., LOWER = 427. METERS
LIQUID WATER CONTENT = $.01632$ GM/M3
PARTICLE COUNT = 121.17 PER CC

DATA FOR CHANNELS 17 THRU 32

1003	978	835	823	685	551	434	370
341	326	284	265	292	334	320	388

EXTINCTION COEFFICIENT = $.649E-02$ PER METER
VISIBILITY LIMIT, UPPER = 603., LOWER = 461. METERS
LIQUID WATER CONTENT = $.07146$ GM/M3
PARTICLE COUNT = 5.49 PER CC

DATA FOR CHANNELS 33 THRU 48

353	367	355	346	343	323	281	284
270	225	213	181	144	108	68	19

EXTINCTION COEFFICIENT = $.283E-01$ PER METER
VISIBILITY LIMIT, UPPER = 138., LOWER = 106. METERS
LIQUID WATER CONTENT = $.89272$ GM/M3
PARTICLE COUNT = 2.59 PER CC

DATA FOR CHANNELS 49 THRU 64

7	4	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.362E-03$ PER METER
VISIBILITY LIMIT, UPPER = 10812., LOWER = 8280. METERS
LIQUID WATER CONTENT = $.02054$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.422E-01$ PER METER
VISIBILITY LIMIT, UPPER = 93., LOWER = 71. METERS
LIQUID WATER CONTENT = 1.00103 GM/M3
PARTICLE COUNT = 129.25 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 49
FOR DATA STARTING 4:30 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

43203	84067	42056	3324	530	369	372	487
587	777	965	1114	1197	1250	1314	1259

EXTINCTION COEFFICIENT = $.713E-02$ PER METER
VISIBILITY LIMIT, UPPER = 548., LOWER = 420. METERS
LIQUID WATER CONTENT = $.01682$ GM/M3
PARTICLE COUNT = 121.91 PER CC

DATA FOR CHANNELS 17 THRU 32

1946	1013	923	881	708	558	465	429
380	313	333	329	315	315	312	347

EXTINCTION COEFFICIENT = $.671E-02$ PER METER
VISIBILITY LIMIT, UPPER = 583., LOWER = 447. METERS
LIQUID WATER CONTENT = $.07269$ GM/M3
PARTICLE COUNT = 5.75 PER CC

DATA FOR CHANNELS 33 THRU 48

369	338	346	293	303	304	263	233
245	195	162	167	121	91	66	31

EXTINCTION COEFFICIENT = $.255E-01$ PER METER
VISIBILITY LIMIT, UPPER = 154., LOWER = 118. METERS
LIQUID WATER CONTENT = $.80382$ GM/M3
PARTICLE COUNT = 2.35 PER CC

DATA FOR CHANNELS 49 THRU 64

8	3	4	3	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.598E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6538., LOWER = 5007. METERS
LIQUID WATER CONTENT = $.03591$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.399E-01$ PER METER
VISIBILITY LIMIT, UPPER = 98., LOWER = 75. METERS
LIQUID WATER CONTENT = $.92925$ GM/M3
PARTICLE COUNT = 130.06 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 50
FOR DATA STARTING 4:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

16753	27789	15867	2538	492	114	114	121
202	229	286	307	335	365	403	397

EXTINCTION COEFFICIENT = .253E-02 PER METER
VISIBILITY LIMIT, UPPER = 1546., LOWER = 1184. METERS
LIQUID WATER CONTENT = .00580 GM/M3
PARTICLE COUNT = 44.21 PER CC

DATA FOR CHANNELS 17 THRU 32

372	438	424	470	461	405	286	239
169	165	111	96	73	55	40	48

EXTINCTION COEFFICIENT = .243E-02 PER METER
VISIBILITY LIMIT, UPPER = 1608., LOWER = 1231. METERS
LIQUID WATER CONTENT = .02268 GM/M3
PARTICLE COUNT = 2.57 PER CC

DATA FOR CHANNELS 33 THRU 48

51	35	49	54	64	44	50	42
23	30	24	25	11	13	18	6

EXTINCTION COEFFICIENT = .396E-02 PER METER
VISIBILITY LIMIT, UPPER = 989., LOWER = 757. METERS
LIQUID WATER CONTENT = .12635 GM/M3
PARTICLE COUNT = .36 PER CC

DATA FOR CHANNELS 49 THRU 64

4	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .144E-03 PER METER
VISIBILITY LIMIT, UPPER = 27167., LOWER = 20806. METERS
LIQUID WATER CONTENT = .00797 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .906E-02 PER METER
VISIBILITY LIMIT, UPPER = 432., LOWER = 331. METERS
LIQUID WATER CONTENT = .16279 GM/M3
PARTICLE COUNT = 47.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 51
FOR DATA STARTING 4:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

22954	44157	25241	3697	698	152	200	252
297	434	526	566	583	634	630	611

EXTINCTION COEFFICIENT = .394E-02 PER METER
VISIBILITY LIMIT, UPPER = 993., LOWER = 761. METERS
LIQUID WATER CONTENT = .00914 GM/M3
PARTICLE COUNT = 67.75 PER CC

DATA FOR CHANNELS 17 THRU 32

612	571	615	716	762	729	609	516
500	468	487	422	318	194	140	146

EXTINCTION COEFFICIENT = .605E-02 PER METER
VISIBILITY LIMIT, UPPER = 646., LOWER = 495. METERS
LIQUID WATER CONTENT = .06243 GM/M3
PARTICLE COUNT = 5.20 PER CC

DATA FOR CHANNELS 33 THRU 48

109	103	94	95	113	99	101	76
92	67	55	62	40	33	33	13

EXTINCTION COEFFICIENT = .900E-02 PER METER
VISIBILITY LIMIT, UPPER = 435., LOWER = 333. METERS
LIQUID WATER CONTENT = .29108 GM/M3
PARTICLE COUNT = .79 PER CC

DATA FOR CHANNELS 49 THRU 64

8	7	1	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .530E-03 PER METER
VISIBILITY LIMIT, UPPER = 7387., LOWER = 5658. METERS
LIQUID WATER CONTENT = .03063 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .195E-01 PER METER
VISIBILITY LIMIT, UPPER = 200., LOWER = 153. METERS
LIQUID WATER CONTENT = .39327 GM/M3
PARTICLE COUNT = 73.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 52
FOR DATA STARTING 5: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

12597	24567	15005	2769	550	80	90	133
185	241	232	291	294	302	296	285

EXTINCTION COEFFICIENT = .221E-02 PER METER
VISIBILITY LIMIT, UPPER = 1769., LOWER = 1355. METERS
LIQUID WATER CONTENT = .00501 GM/M3
PARTICLE COUNT = 38.61 PER CC

DATA FOR CHANNELS 17 THRU 32

282	241	241	220	183	176	107	98
73	84	73	63	51	46	54	55

EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2773., LOWER = 2124. METERS
LIQUID WATER CONTENT = .01433 GM/M3
PARTICLE COUNT = 1.36 PER CC

DATA FOR CHANNELS 33 THRU 48

41	41	40	44	31	55	40	43
41	38	29	22	19	10	8	3

EXTINCTION COEFFICIENT = .376E-02 PER METER
VISIBILITY LIMIT, UPPER = 1041., LOWER = 797. METERS
LIQUID WATER CONTENT = .11817 GM/M3
PARTICLE COUNT = .34 PER CC

DATA FOR CHANNELS 49 THRU 64

3	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .838E-04 PER METER
VISIBILITY LIMIT, UPPER = 46680., LOWER = 35750. METERS
LIQUID WATER CONTENT = .00456 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .747E-02 PER METER
VISIBILITY LIMIT, UPPER = 524., LOWER = 401. METERS
LIQUID WATER CONTENT = .14207 GM/M3
PARTICLE COUNT = 40.31 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 53
FOR DATA STARTING 5:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4903	9084	5516	1145	241	35	26	50
52	39	32	32	32	27	32	31

EXTINCTION COEFFICIENT = $.746E-03$ PER METER
VISIBILITY LIMIT, UPPER = 5247., LOWER = 4018. METERS
LIQUID WATER CONTENT = $.00151$ GM/M3
PARTICLE COUNT = 14.18 PER CC

DATA FOR CHANNELS 17 THRU 32

16	12	17	7	7	2	4	1
1	2	0	1	0	1	0	0

EXTINCTION COEFFICIENT = $.318E-04$ PER METER
VISIBILITY LIMIT, UPPER = 122883., LOWER = 94110. METERS
LIQUID WATER CONTENT = $.00024$ GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.777E-03$ PER METER
VISIBILITY LIMIT, UPPER = 5032., LOWER = 3854. METERS
LIQUID WATER CONTENT = $.00175$ GM/M3
PARTICLE COUNT = 14.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 54
FOR DATA STARTING 5:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

21764	35144	18726	2833	605	167	185	240
275	332	334	343	365	438	570	574

EXTINCTION COEFFICIENT = $.317E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1233., LOWER = 944. METERS
LIQUID WATER CONTENT = $.00733$ GM/M3
PARTICLE COUNT = 55.26 PER CC

DATA FOR CHANNELS 17 THRU 32

575	622	804	931	1091	929	669	500
375	326	306	210	188	126	75	47

EXTINCTION COEFFICIENT = $.507E-02$ PER METER
VISIBILITY LIMIT, UPPER = 772., LOWER = 591. METERS
LIQUID WATER CONTENT = $.04719$ GM/M3
PARTICLE COUNT = 5.18 PER CC

DATA FOR CHANNELS 33 THRU 48

51	37	38	33	38	20	32	15
24	21	16	16	12	8	2	1

EXTINCTION COEFFICIENT = $.241E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1625., LOWER = 1244. METERS
LIQUID WATER CONTENT = $.07231$ GM/M3
PARTICLE COUNT = .24 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.103E-03$ PER METER
VISIBILITY LIMIT, UPPER = 37904., LOWER = 29028. METERS
LIQUID WATER CONTENT = $.00631$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.108E-01$ PER METER
VISIBILITY LIMIT, UPPER = 364., LOWER = 279. METERS
LIQUID WATER CONTENT = $.13314$ GM/M3
PARTICLE COUNT = 60.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 55
FOR DATA STARTING 5:30 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

20741	41737	24814	3830	674	207	247	328
450	494	545	577	546	591	593	609

EXTINCTION COEFFICIENT = .380E-02 PER METER
VISIBILITY LIMIT, UPPER = 1029., LOWER = 788. METERS
LIQUID WATER CONTENT = .00887 GM/M3
PARTICLE COUNT = 64.66 PER CC

DATA FOR CHANNELS 17 THRU 32

537	622	694	771	907	882	786	566
527	572	537	434	386	221	154	132

EXTINCTION COEFFICIENT = .672E-02 PER METER
VISIBILITY LIMIT, UPPER = 582., LOWER = 446. METERS
LIQUID WATER CONTENT = .06899 GM/M3
PARTICLE COUNT = 5.77 PER CC

DATA FOR CHANNELS 33 THRU 48

100	87	90	59	76	78	58	61
60	45	44	26	32	21	7	4

EXTINCTION COEFFICIENT = .581E-02 PER METER
VISIBILITY LIMIT, UPPER = 673., LOWER = 515. METERS
LIQUID WATER CONTENT = .17745 GM/M3
PARTICLE COUNT = .57 PER CC

DATA FOR CHANNELS 49 THRU 64

3	2	2	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .272E-03 PER METER
VISIBILITY LIMIT, UPPER = 14356., LOWER = 10995. METERS
LIQUID WATER CONTENT = .01663 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .166E-01 PER METER
VISIBILITY LIMIT, UPPER = 236., LOWER = 180. METERS
LIQUID WATER CONTENT = .27194 GM/M3
PARTICLE COUNT = 70.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 56
FOR DATA STARTING 5:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

20727	42792	25449	3794	706	215	258	300
406	449	513	559	557	612	585	546

EXTINCTION COEFFICIENT = $.383E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1021., LOWER = 782. METERS
LIQUID WATER CONTENT = $.00887$ GM/M3
PARTICLE COUNT = 65.65 PER CC

DATA FOR CHANNELS 17 THRU 32

494	482	469	498	520	489	408	358
308	333	338	322	277	206	151	139

EXTINCTION COEFFICIENT = $.468E-02$ PER METER
VISIBILITY LIMIT, UPPER = 837., LOWER = 641. METERS
LIQUID WATER CONTENT = $.04982$ GM/M3
PARTICLE COUNT = 3.86 PER CC

DATA FOR CHANNELS 33 THRU 48

102	89	80	76	69	76	75	72
61	56	48	46	28	25	18	14

EXTINCTION COEFFICIENT = $.693E-02$ PER METER
VISIBILITY LIMIT, UPPER = 564., LOWER = 432. METERS
LIQUID WATER CONTENT = $.22249$ GM/M3
PARTICLE COUNT = .62 PER CC

DATA FOR CHANNELS 49 THRU 64

9	2	4	3	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.594E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6586., LOWER = 5044. METERS
LIQUID WATER CONTENT = $.03555$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.160E-01$ PER METER
VISIBILITY LIMIT, UPPER = 244., LOWER = 187. METERS
LIQUID WATER CONTENT = $.31672$ GM/M3
PARTICLE COUNT = 70.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 57
FOR DATA STARTING 5:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

24744	47721	26102	3398	639	237	279	315
468	499	647	744	823	886	836	816

EXTINCTION COEFFICIENT = .436E-02 PER METER
VISIBILITY LIMIT, UPPER = 898., LOWER = 688. METERS
LIQUID WATER CONTENT = .01046 GM/M3
PARTICLE COUNT = 72.71 PER CC

DATA FOR CHANNELS 17 THRU 32

694	630	673	550	561	439	354	284
281	244	286	270	208	164	117	122

EXTINCTION COEFFICIENT = .423E-02 PER METER
VISIBILITY LIMIT, UPPER = 924., LOWER = 708. METERS
LIQUID WATER CONTENT = .04325 GM/M3
PARTICLE COUNT = 3.92 PER CC

DATA FOR CHANNELS 33 THRU 48

131	108	98	72	78	79	89	76
79	68	63	64	55	34	26	22

EXTINCTION COEFFICIENT = .896E-02 PER METER
VISIBILITY LIMIT, UPPER = 436., LOWER = 334. METERS
LIQUID WATER CONTENT = .29741 GM/M3
PARTICLE COUNT = .76 PER CC

DATA FOR CHANNELS 49 THRU 64

15	5	2	3	2	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .941E-03 PER METER
VISIBILITY LIMIT, UPPER = 4159., LOWER = 3185. METERS
LIQUID WATER CONTENT = .05734 GM/M3
PARTICLE COUNT = .02 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .185E-01 PER METER
VISIBILITY LIMIT, UPPER = 212., LOWER = 162. METERS
LIQUID WATER CONTENT = .40846 GM/M3
PARTICLE COUNT = 77.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 58
FOR DATA STARTING 61 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

39348	73966	37302	3292	578	387	382	450
625	756	989	1072	1161	1198	1290	1169

EXTINCTION COEFFICIENT = .647E-02 PER METER
VISIBILITY LIMIT, UPPER = 604., LOWER = 463. METERS
LIQUID WATER CONTENT = .01545 GM/M3
PARTICLE COUNT = 109.26 PER CC

DATA FOR CHANNELS 17 THRU 32

1014	964	821	788	636	531	428	338
323	346	367	398	386	324	319	288

EXTINCTION COEFFICIENT = .657E-02 PER METER
VISIBILITY LIMIT, UPPER = 595., LOWER = 456. METERS
LIQUID WATER CONTENT = .07186 GM/M3
PARTICLE COUNT = 5.51 PER CC

DATA FOR CHANNELS 33 THRU 48

254	235	197	180	137	157	147	129
108	115	91	91	75	57	38	29

EXTINCTION COEFFICIENT = .147E-01 PER METER
VISIBILITY LIMIT, UPPER = 267., LOWER = 204. METERS
LIQUID WATER CONTENT = .46849 GM/M3
PARTICLE COUNT = 1.36 PER CC

DATA FOR CHANNELS 49 THRU 64

16	12	2	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .100E-02 PER METER
VISIBILITY LIMIT, UPPER = 3907., LOWER = 2992. METERS
LIQUID WATER CONTENT = .05818 GM/M3
PARTICLE COUNT = .02 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .287E-01 PER METER
VISIBILITY LIMIT, UPPER = 136., LOWER = 104. METERS
LIQUID WATER CONTENT = .61398 GM/M3
PARTICLE COUNT = 116.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 59
FOR DATA STARTING 6110 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

16942	33832	19580	3029	662	159	186	294
372	560	666	733	811	785	709	598

EXTINCTION COEFFICIENT = $.333E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1173., LOWER = 899. METERS
LIQUID WATER CONTENT = $.00829$ GM/M3
PARTICLE COUNT = 53.28 PER CC

DATA FOR CHANNELS 17 THRU 32

572	536	483	415	382	315	199	286
177	181	178	184	195	151	182	195

EXTINCTION COEFFICIENT = $.359E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1091., LOWER = 835. METERS
LIQUID WATER CONTENT = $.03933$ GM/M3
PARTICLE COUNT = 3.03 PER CC

DATA FOR CHANNELS 33 THRU 48

204	215	200	159	173	128	121	105
95	75	54	45	32	20	16	3

EXTINCTION COEFFICIENT = $.100E-01$ PER METER
VISIBILITY LIMIT, UPPER = 390., LOWER = 299. METERS
LIQUID WATER CONTENT = $.28663$ GM/M3
PARTICLE COUNT = 1.10 PER CC

DATA FOR CHANNELS 49 THRU 64

4	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.112E-03$ PER METER
VISIBILITY LIMIT, UPPER = 35010., LOWER = 26812. METERS
LIQUID WATER CONTENT = $.00608$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.171E-01$ PER METER
VISIBILITY LIMIT, UPPER = 229., LOWER = 176. METERS
LIQUID WATER CONTENT = $.34033$ GM/M3
PARTICLE COUNT = 57.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 60
FOR DATA STARTING 6:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

19826	48247	30417	6639	1285	220	265	396
542	693	774	808	769	728	768	769

EXTINCTION COEFFICIENT = $.458E-02$ PER METER
VISIBILITY LIMIT, UPPER = 855., LOWER = 655. METERS
LIQUID WATER CONTENT = $.01091$ GM/M3
PARTICLE COUNT = 75.43 PER CC

DATA FOR CHANNELS 17 THRU 32

627	574	535	496	463	409	305	279
245	186	226	191	186	171	168	138

EXTINCTION COEFFICIENT = $.387E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1010., LOWER = 773. METERS
LIQUID WATER CONTENT = $.04071$ GM/M3
PARTICLE COUNT = 3.47 PER CC

DATA FOR CHANNELS 33 THRU 48

160	165	156	154	136	139	116	99
88	64	57	37	27	14	7	4

EXTINCTION COEFFICIENT = $.075E-02$ PER METER
VISIBILITY LIMIT, UPPER = 447., LOWER = 342. METERS
LIQUID WATER CONTENT = $.24884$ GM/M3
PARTICLE COUNT = .95 PER CC

DATA FOR CHANNELS 49 THRU 64

0	2	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.102E-03$ PER METER
VISIBILITY LIMIT, UPPER = 38441., LOWER = 29440. METERS
LIQUID WATER CONTENT = $.00612$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.173E-01$ PER METER
VISIBILITY LIMIT, UPPER = 226., LOWER = 173. METERS
LIQUID WATER CONTENT = $.30657$ GM/M3
PARTICLE COUNT = 79.85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 6, TEST # 61
FOR DATA STARTING 6130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

33895	154502	198350	13402	3531	1961	1468	1513
1907	2096	2000	1649	1251	1002	883	863

EXTINCTION COEFFICIENT = $.160E-01$ PER METER
VISIBILITY LIMIT, UPPER = 244., LOWER = 187. METERS
LIQUID WATER CONTENT = $.03451$ GM/M3
PARTICLE COUNT = 280.18 PER CC

DATA FOR CHANNELS 17 THRU 32

712	547	568	537	465	448	336	306
245	255	225	196	173	139	128	115

EXTINCTION COEFFICIENT = $.384E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1018., LOWER = 780. METERS
LIQUID WATER CONTENT = $.03911$ GM/M3
PARTICLE COUNT = 3.60 PER CC

DATA FOR CHANNELS 33 THRU 48

122	93	104	94	133	100	105	102
94	75	53	37	23	14	4	7

EXTINCTION COEFFICIENT = $.774E-02$ PER METER
VISIBILITY LIMIT, UPPER = 506., LOWER = 387. METERS
LIQUID WATER CONTENT = $.22800$ GM/M3
PARTICLE COUNT = .77 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-04$ PER METER
VISIBILITY LIMIT, UPPER = 140040., LOWER = 107249. METERS
LIQUID WATER CONTENT = $.00152$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.276E-01$ PER METER
VISIBILITY LIMIT, UPPER = 142., LOWER = 108. METERS
LIQUID WATER CONTENT = $.30314$ GM/M3
PARTICLE COUNT = 284.55 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 1
FOR DATA STARTING 20:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1127	22242	12797	3164	915	64	2	2
0	2	2	0	0	1	2	0

EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2768., LOWER = 2120. METERS
LIQUID WATER CONTENT = .00274 GM/M3
PARTICLE COUNT = 26.88 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .114E-05 PER METER
VISIBILITY LIMIT, UPPER = 3437799, LOWER = 2632834 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .994E-05 PER METER
VISIBILITY LIMIT, UPPER = 393681., LOWER = 301500. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .142E-02 PER METER
VISIBILITY LIMIT, UPPER = 2747., LOWER = 2104. METERS
LIQUID WATER CONTENT = .00298 GM/M3
PARTICLE COUNT = 26.88 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 2
FOR DATA STARTING 20:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1786	21817	12304	2801	841	49	12	21
34	24	11	12	7	13	9	11

EXTINCTION COEFFICIENT = .140E-02 PER METER
VISIBILITY LIMIT, UPPER = 2801., LOWER = 2145. METERS
LIQUID WATER CONTENT = .00273 GM/M3
PARTICLE COUNT = 26.50 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	1	0	0	0	2	2
0	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .760E-05 PER METER
VISIBILITY LIMIT, UPPER = 514645., LOWER = 394140. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2777., LOWER = 2127. METERS
LIQUID WATER CONTENT = .00290 GM/M3
PARTICLE COUNT = 26.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 3
FOR DATA STARTING 20130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1302	13817	8743	1994	589	86	95	131
156	153	98	43	37	23	37	32

EXTINCTION COEFFICIENT = $.102E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3847., LOWER = 2946. METERS
LIQUID WATER CONTENT = $.00212$ GM/M3
PARTICLE COUNT = 18.22 PER CC

DATA FOR CHANNELS 17 THRU 32

16	13	8	5	4	1	3	4
1	2	1	1	2	0	2	1

EXTINCTION COEFFICIENT = $.366E-04$ PER METER
VISIBILITY LIMIT, UPPER = 106803., LOWER = 81795. METERS
LIQUID WATER CONTENT = $.00035$ GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	1	1	2	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.269E-04$ PER METER
VISIBILITY LIMIT, UPPER = 145268., LOWER = 111253. METERS
LIQUID WATER CONTENT = $.00060$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.108E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3620., LOWER = 2773. METERS
LIQUID WATER CONTENT = $.00306$ GM/M3
PARTICLE COUNT = 18.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 4
FOR DATA STARTING 20140 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

3588	18437	11368	2419	667	136	122	147
187	175	120	87	62	70	92	78

EXTINCTION COEFFICIENT = .140E-02 PER METER
VISIBILITY LIMIT, UPPER = 2785., LOWER = 2133. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 25.17 PER CC

DATA FOR CHANNELS 17 THRU 32

72	20	20	13	8	7	2	4
0	2	1	1	0	1	1	1

EXTINCTION COEFFICIENT = .629E-04 PER METER
VISIBILITY LIMIT, UPPER = 62180., LOWER = 47620. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .147E-02 PER METER
VISIBILITY LIMIT, UPPER = 2666., LOWER = 2041. METERS
LIQUID WATER CONTENT = .00345 GM/M3
PARTICLE COUNT = 25.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 5
FOR DATA STARTING 20150 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2908	16321	9945	2135	599	89	65	85
86	96	59	26	44	37	46	45

EXTINCTION COEFFICIENT = .118E-02 PER METER
VISIBILITY LIMIT, UPPER = 3319., LOWER = 2542. METERS
LIQUID WATER CONTENT = .00241 GM/M3
PARTICLE COUNT = 21.72 PER CC

DATA FOR CHANNELS 17 THRU 32

26	13	9	6	3	3	1	1
2	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .260E-04 PER METER
VISIBILITY LIMIT, UPPER = 150432., LOWER = 115209. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .120E-02 PER METER
VISIBILITY LIMIT, UPPER = 3248., LOWER = 2487. METERS
LIQUID WATER CONTENT = .00259 GM/M3
PARTICLE COUNT = 21.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 6
FOR DATA STARTING 21: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1874	16444	9554	2134	577	96	84	110
150	135	100	57	52	60	65	56

EXTINCTION COEFFICIENT = .117E-02 PER METER
VISIBILITY LIMIT, UPPER = 3337., LOWER = 2556. METERS
LIQUID WATER CONTENT = .00247 GM/M3
PARTICLE COUNT = 21.03 PER CC

DATA FOR CHANNELS 17 THRU 32

38	28	12	5	3	3	3	0
0	1	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .350E-04 PER METER
VISIBILITY LIMIT, UPPER = 11641., LOWER = 85500. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .883E-05 PER METER
VISIBILITY LIMIT, UPPER = 442792., LOWER = 339112. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .122E-02 PER METER
VISIBILITY LIMIT, UPPER = 3217., LOWER = 2464. METERS
LIQUID WATER CONTENT = .00297 GM/M3
PARTICLE COUNT = 21.10 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 7
FOR DATA STARTING 21:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1664	18002	9915	2200	632	81	61	73
100	89	53	46	57	36	63	47

EXTINCTION COEFFICIENT = $.121E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3239., LOWER = 2480. METERS
LIQUID WATER CONTENT = $.00249$ GM/M3
PARTICLE COUNT = 22.00 PER CC

DATA FOR CHANNELS 17 THRU 32

29	17	15	5	6	3	3	1
2	0	1	2	0	0	0	0

EXTINCTION COEFFICIENT = $.345E-04$ PER METER
VISIBILITY LIMIT, UPPER = 113531., LOWER = 86948. METERS
LIQUID WATER CONTENT = $.00025$ GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.853E-05$ PER METER
VISIBILITY LIMIT, UPPER = 458532., LOWER = 351166. METERS
LIQUID WATER CONTENT = $.00019$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.125E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3127., LOWER = 2395. METERS
LIQUID WATER CONTENT = $.00293$ GM/M3
PARTICLE COUNT = 22.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 8
FOR DATA STARTING 21:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1176	14200	8026	1792	551	74	70	59
105	95	75	49	25	39	42	38

EXTINCTION COEFFICIENT = .972E-03 PER METER
VISIBILITY LIMIT, UPPER = 4025., LOWER = 3083. METERS
LIQUID WATER CONTENT = .00202 GM/M3
PARTICLE COUNT = 17.61 PER CC

DATA FOR CHANNELS 17 THRU 32

26	15	11	6	8	3	0	0
1	1	4	0	1	0	0	0

EXTINCTION COEFFICIENT = .327E-04 PER METER
VISIBILITY LIMIT, UPPER = 119723., LOWER = 91689. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .05 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .100E-02 PER METER
VISIBILITY LIMIT, UPPER = 3894., LOWER = 2982. METERS
LIQUID WATER CONTENT = .00226 GM/M3
PARTICLE COUNT = 17.66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 9
FOR DATA STARTING 21:30 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1029	11446	6424	1410	416	63	58	74
80	86	41	29	20	19	14	22

EXTINCTION COEFFICIENT = .772E-03 PER METER
VISIBILITY LIMIT, UPPER = 5069., LOWER = 3882. METERS
LIQUID WATER CONTENT = .00157 GM/M3
PARTICLE COUNT = 14.15 PER CC

DATA FOR CHANNELS 17 THRU 32

14	7	5	6	2	2	1	1
0	2	1	0	3	0	0	0

EXTINCTION COEFFICIENT = .221E-04 PER METER
VISIBILITY LIMIT, UPPER = 176850., LOWER = 135440. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .794E-03 PER METER
VISIBILITY LIMIT, UPPER = 4928., LOWER = 3774. METERS
LIQUID WATER CONTENT = .00176 GM/M3
PARTICLE COUNT = 14.18 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 10
FOR DATA STARTING 21:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1104	11406	6498	1440	414	68	47	55
58	57	47	21	18	17	18	20

EXTINCTION COEFFICIENT = .769E-03 PER METER
VISIBILITY LIMIT, UPPER = 5087., LOWER = 3896. METERS
LIQUID WATER CONTENT = .00156 GM/M3
PARTICLE COUNT = 14.19 PER CC

DATA FOR CHANNELS 17 THRU 32

16	6	6	6	2	1	1	0
1	1	0	1	1	0	0	1

EXTINCTION COEFFICIENT = .207E-04 PER METER
VISIBILITY LIMIT, UPPER = 188869., LOWER = 144645. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .790E-03 PER METER
VISIBILITY LIMIT, UPPER = 4954., LOWER = 3794. METERS
LIQUID WATER CONTENT = .00174 GM/M3
PARTICLE COUNT = 14.22 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 11
FOR DATA STARTING 21:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

1486	12557	7093	1566	429	54	31	43
53	36	37	28	20	16	20	20

EXTINCTION COEFFICIENT = .840E-03 PER METER
VISIBILITY LIMIT, UPPER = 4657., LOWER = 3566. METERS
LIQUID WATER CONTENT = .00169 GM/M3
PARTICLE COUNT = 15.66 PER CC

DATA FOR CHANNELS 17 THRU 32

9	3	10	2	3	0	0	0
0	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .125E-04 PER METER
VISIBILITY LIMIT, UPPER = 313109., LOWER = 239794. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .855E-03 PER METER
VISIBILITY LIMIT, UPPER = 4573., LOWER = 3503. METERS
LIQUID WATER CONTENT = .00183 GM/M3
PARTICLE COUNT = 15.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 12
FOR DATA STARTING 22: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

3312	18436	9800	2048	576	53	17	21
33	23	27	24	22	18	24	16

EXTINCTION COEFFICIENT = $.120E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3252., LOWER = 2491. METERS
LIQUID WATER CONTENT = $.00237$ GM/M3
PARTICLE COUNT = 22.97 PER CC

DATA FOR CHANNELS 17 THRU 32

16	2	3	3	2	0	0	1
1	0	0	1	0	0	0	1

EXTINCTION COEFFICIENT = $.139E-04$ PER METER
VISIBILITY LIMIT, UPPER = 280439., LOWER = 214774. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.122E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3215., LOWER = 2462. METERS
LIQUID WATER CONTENT = $.00249$ GM/M3
PARTICLE COUNT = 22.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 13
FOR DATA STARTING 22:10 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2648	20089	10140	2251	575	31	11	11
15	24	19	9	15	9	13	13

EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3139., LOWER = 2404. METERS
LIQUID WATER CONTENT = .00243 GM/M3
PARTICLE COUNT = 23.92 PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	6	4	3	0	1	0
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .107E-04 PER METER
VISIBILITY LIMIT, UPPER = 365842., LOWER = 280180. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

2	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .081E-05 PER METER
VISIBILITY LIMIT, UPPER = 443795., LOWER = 339880. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3090., LOWER = 2367. METERS
LIQUID WATER CONTENT = .00267 GM/M3
PARTICLE COUNT = 23.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 14
FOR DATA STARTING 22:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2267	20017	10275	2299	617	58	24	49
53	56	41	30	27	26	33	31

EXTINCTION COEFFICIENT = .127E-02 PER METER
VISIBILITY LIMIT, UPPER = 3072., LOWER = 2352. METERS
LIQUID WATER CONTENT = .00255 GM/M3
PARTICLE COUNT = 23.94 PER CC

DATA FOR CHANNELS 17 THRU 32

30	7	13	4	4	3	2	0
0	0	1	1	0	1	1	0

EXTINCTION COEFFICIENT = .287E-04 PER METER
VISIBILITY LIMIT, UPPER = 136336., LOWER = 104413. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .130E-02 PER METER
VISIBILITY LIMIT, UPPER = 3004., LOWER = 2301. METERS
LIQUID WATER CONTENT = .00277 GM/M3
PARTICLE COUNT = 23.98 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 13
FOR DATA STARTING 22130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

2811	16928	9646	2089	562	61	50	77
100	82	55	54	44	43	57	66

EXTINCTION COEFFICIENT = .119E-02 PER METER
VISIBILITY LIMIT, UPPER = 3291., LOWER = 2520. METERS
LIQUID WATER CONTENT = .00246 GM/M3
PARTICLE COUNT = 21.82 PER CC

DATA FOR CHANNELS 17 THRU 32

45	20	14	13	4	7	1	4
2	0	2	0	0	0	1	0

EXTINCTION COEFFICIENT = .458E-04 PER METER
VISIBILITY LIMIT, UPPER = 85430., LOWER = 65427. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .124E-02 PER METER
VISIBILITY LIMIT, UPPER = 3161., LOWER = 2421. METERS
LIQUID WATER CONTENT = .00284 GM/M3
PARTICLE COUNT = 21.89 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 16
FOR DATA STARTING 22:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

3707	15304	8983	1937	532	65	49	83
95	76	41	35	35	40	48	31

EXTINCTION COEFFICIENT = .111E-02 PER METER
VISIBILITY LIMIT, UPPER = 3519., LOWER = 2695. METERS
LIQUID WATER CONTENT = .00226 GM/M3
PARTICLE COUNT = 20.71 PER CC

DATA FOR CHANNELS 17 THRU 32

29	19	9	9	4	3	2	1
2	1	1	1	5	0	2	0

EXTINCTION COEFFICIENT = .446E-04 PER METER
VISIBILITY LIMIT, UPPER = 87637., LOWER = 67116. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .116E-02 PER METER
VISIBILITY LIMIT, UPPER = 3383., LOWER = 2591. METERS
LIQUID WATER CONTENT = .00265 GM/M3
PARTICLE COUNT = 20.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 17
FOR DATA STARTING 22:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4550	16235	9695	1964	553	75	69	75
76	83	50	66	49	62	48	51

EXTINCTION COEFFICIENT = .121E-02 PER METER
VISIBILITY LIMIT, UPPER = 3231., LOWER = 2475. METERS
LIQUID WATER CONTENT = .00248 GM/M3
PARTICLE COUNT = 22.47 PER CC

DATA FOR CHANNELS 17 THRU 32

36	18	12	10	5	2	3	1
1	1	1	0	1	1	0	0

EXTINCTION COEFFICIENT = .375E-04 PER METER
VISIBILITY LIMIT, UPPER = 104318., LOWER = 79892. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3134., LOWER = 2400. METERS
LIQUID WATER CONTENT = .00276 GM/M3
PARTICLE COUNT = 22.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 18
FOR DATA STARTING 23: 0 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

6234	22779	12754	2676	653	42	8	12
10	9	14	15	12	10	11	13

EXTINCTION COEFFICIENT = .155E-02 PER METER
VISIBILITY LIMIT, UPPER = 2522., LOWER = 1931. METERS
LIQUID WATER CONTENT = .00300 GM/M3
PARTICLE COUNT = 30.17 PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	3	3	3	1	1	1
1	1	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .120E-04 PER METER
VISIBILITY LIMIT, UPPER = 326387., LOWER = 249963. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .157E-02 PER METER
VISIBILITY LIMIT, UPPER = 2496., LOWER = 1911. METERS
LIQUID WATER CONTENT = .00320 GM/M3
PARTICLE COUNT = 30.18 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 19
FOR DATA STARTING 23110 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4536	16267	9576	2046	568	86	66	79
79	73	55	47	53	53	71	50

EXTINCTION COEFFICIENT = .121E-02 PER METER
VISIBILITY LIMIT, UPPER = 3226., LOWER = 2470. METERS
LIQUID WATER CONTENT = .00250 GM/M3
PARTICLE COUNT = 22.47 PER CC

DATA FOR CHANNELS 17 THRU 32

47	22	6	14	6	3	2	0
1	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .383E-04 PER METER
VISIBILITY LIMIT, UPPER = 102031., LOWER = 78140. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .125E-02 PER METER
VISIBILITY LIMIT, UPPER = 3127., LOWER = 2395. METERS
LIQUID WATER CONTENT = .00275 GM/M3
PARTICLE COUNT = 22.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 20
FOR DATA STARTING 23:20 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

9303	30855	17091	3603	845	48	41	42
53	55	56	55	45	73	61	71

EXTINCTION COEFFICIENT = .217E-02 PER METER
VISIBILITY LIMIT, UPPER = 1800., LOWER = 1378. METERS
LIQUID WATER CONTENT = .00433 GM/M3
PARTICLE COUNT = 41.53 PER CC

DATA FOR CHANNELS 17 THRU 32

45	20	14	6	6	2	2	1
2	1	0	1	0	2	0	0

EXTINCTION COEFFICIENT = .408E-04 PER METER
VISIBILITY LIMIT, UPPER = 95815., LOWER = 73379. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .497E-05 PER METER
VISIBILITY LIMIT, UPPER = 787362., LOWER = 603000. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .222E-02 PER METER
VISIBILITY LIMIT, UPPER = 1763., LOWER = 1350. METERS
LIQUID WATER CONTENT = .00474 GM/M3
PARTICLE COUNT = 41.60 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 21
FOR DATA STARTING 23130 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

5488	18293	11669	2469	627	82	81	101
126	97	92	67	83	83	130	138

EXTINCTION COEFFICIENT = $.146E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2672., LOWER = 2047. METERS
LIQUID WATER CONTENT = $.00313$ GM/M3
PARTICLE COUNT = 26.42 PER CC

DATA FOR CHANNELS 17 THRU 32

77	32	28	22	11	3	2	1
2	2	1	2	0	0	0	2

EXTINCTION COEFFICIENT = $.736E-04$ PER METER
VISIBILITY LIMIT, UPPER = 53169., LOWER = 40719. METERS
LIQUID WATER CONTENT = $.00054$ GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.103E-04$ PER METER
VISIBILITY LIMIT, UPPER = 378948., LOWER = 290216. METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.155E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2527., LOWER = 1936. METERS
LIQUID WATER CONTENT = $.00387$ GM/M3
PARTICLE COUNT = 26.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 22
FOR DATA STARTING 23:40 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

4598	22364	12959	2671	690	113	57	99
118	101	98	71	112	128	177	196

EXTINCTION COEFFICIENT = .167E-02 PER METER
VISIBILITY LIMIT, UPPER = 2345., LOWER = 1796. METERS
LIQUID WATER CONTENT = .00362 GM/M3
PARTICLE COUNT = 29.70 PER CC

DATA FOR CHANNELS 17 THRU 32

113	70	51	44	21	7	6	4
5	3	4	2	2	1	1	0

EXTINCTION COEFFICIENT = .136E-03 PER METER
VISIBILITY LIMIT, UPPER = 28855., LOWER = 22099. METERS
LIQUID WATER CONTENT = .00098 GM/M3
PARTICLE COUNT = .22 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .753E-05 PER METER
VISIBILITY LIMIT, UPPER = 519578., LOWER = 397918. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .181E-02 PER METER
VISIBILITY LIMIT, UPPER = 2160., LOWER = 1654. METERS
LIQUID WATER CONTENT = .00475 GM/M3
PARTICLE COUNT = 29.93 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 23
FOR DATA STARTING 23:50 ON 22/ 4/74

DATA FOR CHANNELS 1 THRU 16

7990	43058	24604	4746	1012	239	238	292
403	523	583	679	699	707	682	564

EXTINCTION COEFFICIENT = $.360E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1085., LOWER = 831. METERS
LIQUID WATER CONTENT = $.00873$ GM/M3
PARTICLE COUNT = 58.01 PER CC

DATA FOR CHANNELS 17 THRU 32

570	484	506	508	550	443	368	390
346	335	358	391	446	413	394	426

EXTINCTION COEFFICIENT = $.670E-02$ PER METER
VISIBILITY LIMIT, UPPER = 584., LOWER = 447. METERS
LIQUID WATER CONTENT = $.07905$ GM/M3
PARTICLE COUNT = 4.62 PER CC

DATA FOR CHANNELS 33 THRU 48

467	411	334	335	271	193	135	74
38	20	13	6	2	1	2	0

EXTINCTION COEFFICIENT = $.101E-01$ PER METER
VISIBILITY LIMIT, UPPER = 387., LOWER = 297. METERS
LIQUID WATER CONTENT = $.23019$ GM/M3
PARTICLE COUNT = 1.53 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.204E-01$ PER METER
VISIBILITY LIMIT, UPPER = 192., LOWER = 147. METERS
LIQUID WATER CONTENT = $.31797$ GM/M3
PARTICLE COUNT = 64.17 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 24
FOR DATA STARTING 0: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

7468	41542	23516	4608	980	203	201	272
338	393	532	564	629	584	628	646

EXTINCTION COEFFICIENT = $.342E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1143., LOWER = 876. METERS
LIQUID WATER CONTENT = .00826 GM/M3
PARTICLE COUNT = 55.40 PER CC

DATA FOR CHANNELS 17 THRU 32

559	526	536	515	630	509	454	398
439	452	480	532	416	330	300	247

EXTINCTION COEFFICIENT = $.659E-02$ PER METER
VISIBILITY LIMIT, UPPER = 593., LOWER = 454. METERS
LIQUID WATER CONTENT = .07398 GM/M3
PARTICLE COUNT = 4.89 PER CC

DATA FOR CHANNELS 33 THRU 48

280	234	201	190	168	119	99	70
74	46	29	15	13	3	1	0

EXTINCTION COEFFICIENT = $.776E-02$ PER METER
VISIBILITY LIMIT, UPPER = 504., LOWER = 386. METERS
LIQUID WATER CONTENT = .19546 GM/M3
PARTICLE COUNT = 1.03 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.178E-01$ PER METER
VISIBILITY LIMIT, UPPER = 220., LOWER = 169. METERS
LIQUID WATER CONTENT = .27770 GM/M3
PARTICLE COUNT = 61.32 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 25
FOR DATA STARTING 0110 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

10964	51569	30576	5086	997	284	302	336
426	610	715	832	897	888	822	740

EXTINCTION COEFFICIENT = .439E-02 PER METER
VISIBILITY LIMIT, UPPER = 891., LOWER = 682. METERS
LIQUID WATER CONTENT = .01068 GM/M3
PARTICLE COUNT = 70.70 PER CC

DATA FOR CHANNELS 17 THRU 32

617	539	510	497	491	504	472	508
509	566	686	755	689	599	509	487

EXTINCTION COEFFICIENT = .926E-02 PER METER
VISIBILITY LIMIT, UPPER = 422., LOWER = 323. METERS
LIQUID WATER CONTENT = .11035 GM/M3
PARTICLE COUNT = 5.96 PER CC

DATA FOR CHANNELS 33 THRU 48

449	390	350	307	261	204	166	84
75	42	25	17	8	4	3	0

EXTINCTION COEFFICIENT = .112E-01 PER METER
VISIBILITY LIMIT, UPPER = 348., LOWER = 267. METERS
LIQUID WATER CONTENT = .27002 GM/M3
PARTICLE COUNT = 1.59 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .249E-01 PER METER
VISIBILITY LIMIT, UPPER = 157., LOWER = 120. METERS
LIQUID WATER CONTENT = .39104 GM/M3
PARTICLE COUNT = 78.24 PER CC

NEPHELOMETER DATA

SERIES # CTS= 7, TEST # 26
FOR DATA STARTING 0:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

15929	59281	35547	5138	920	306	303	396
486	589	742	837	891	857	821	774

EXTINCTION COEFFICIENT = .498E-02 PER METER
VISIBILITY LIMIT, UPPER = 786., LOWER = 602. METERS
LIQUID WATER CONTENT = .01179 GM/M3
PARTICLE COUNT = 82.54 PER CC

DATA FOR CHANNELS 17 THRU 32

672	598	524	522	441	414	409	409
424	456	528	615	569	515	555	509

EXTINCTION COEFFICIENT = .836E-02 PER METER
VISIBILITY LIMIT, UPPER = 468., LOWER = 358. METERS
LIQUID WATER CONTENT = .10050 GM/M3
PARTICLE COUNT = 5.44 PER CC

DATA FOR CHANNELS 33 THRU 48

457	375	311	316	279	243	208	149
89	56	35	15	13	6	4	2

EXTINCTION COEFFICIENT = .127E-01 PER METER
VISIBILITY LIMIT, UPPER = 307., LOWER = 235. METERS
LIQUID WATER CONTENT = .31643 GM/M3
PARTICLE COUNT = 1.71 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .261E-01 PER METER
VISIBILITY LIMIT, UPPER = 150., LOWER = 115. METERS
LIQUID WATER CONTENT = .42872 GM/M3
PARTICLE COUNT = 89.69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 27
FOR DATA STARTING 0130 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

11866	50831	31116	4898	980	302	306	378
521	689	837	940	1015	968	1014	825

EXTINCTION COEFFICIENT = .455E-02 PER METER
VISIBILITY LIMIT, UPPER = 860., LOWER = 659. METERS
LIQUID WATER CONTENT = .01130 GM/M3
PARTICLE COUNT = 71.66 PER CC

DATA FOR CHANNELS 17 THRU 32

772	652	617	545	483	428	436	395
394	462	596	616	573	537	513	487

EXTINCTION COEFFICIENT = .846E-02 PER METER
VISIBILITY LIMIT, UPPER = 463., LOWER = 354. METERS
LIQUID WATER CONTENT = .10050 GM/M3
PARTICLE COUNT = 5.67 PER CC

DATA FOR CHANNELS 33 THRU 48

403	328	292	255	227	190	163	132
99	81	32	23	19	8	4	2

EXTINCTION COEFFICIENT = .116E-01 PER METER
VISIBILITY LIMIT, UPPER = 336., LOWER = 257. METERS
LIQUID WATER CONTENT = .29838 GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 49 THRU 64

3	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .141E-03 PER METER
VISIBILITY LIMIT, UPPER = 27712., LOWER = 21223. METERS
LIQUID WATER CONTENT = .00904 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .248E-01 PER METER
VISIBILITY LIMIT, UPPER = 158., LOWER = 121. METERS
LIQUID WATER CONTENT = .41922 GM/M3
PARTICLE COUNT = 78.84 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 28
FOR DATA STARTING 0140 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8976	47205	28107	4685	1036	247	309	359
493	596	800	909	1017	960	951	907

EXTINCTION COEFFICIENT = $.421E-02$ PER METER
VISIBILITY LIMIT, UPPER = 929., LOWER = 711. METERS
LIQUID WATER CONTENT = $.01066$ GM/M3
PARTICLE COUNT = 65.04 PER CC

DATA FOR CHANNELS 17 THRU 32

762	658	642	639	593	473	409	400
438	462	580	578	561	480	448	418

EXTINCTION COEFFICIENT = $.811E-02$ PER METER
VISIBILITY LIMIT, UPPER = 482., LOWER = 369. METERS
LIQUID WATER CONTENT = $.09447$ GM/M3
PARTICLE COUNT = 5.69 PER CC

DATA FOR CHANNELS 33 THRU 48

355	331	268	241	207	172	134	120
88	72	30	29	19	10	7	3

EXTINCTION COEFFICIENT = $.109E-01$ PER METER
VISIBILITY LIMIT, UPPER = 360., LOWER = 275. METERS
LIQUID WATER CONTENT = $.28270$ GM/M3
PARTICLE COUNT = 1.39 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.574E-04$ PER METER
VISIBILITY LIMIT, UPPER = 68200., LOWER = 52231. METERS
LIQUID WATER CONTENT = $.00447$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.233E-01$ PER METER
VISIBILITY LIMIT, UPPER = 168., LOWER = 129. METERS
LIQUID WATER CONTENT = $.39231$ GM/M3
PARTICLE COUNT = 72.12 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 29
FOR DATA STARTING 0:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

16372	68999	40198	5418	976	376	424	562
687	953	1120	1206	1328	1376	1394	1219

EXTINCTION COEFFICIENT = $.606E-02$ PER METER
VISIBILITY LIMIT, UPPER = 646., LOWER = 495. METERS
LIQUID WATER CONTENT = $.01517$ GM/M3
PARTICLE COUNT = 95.07 PER CC

DATA FOR CHANNELS 17 THRU 32

1053	1036	961	949	813	744	642	610
609	661	748	917	849	712	707	632

EXTINCTION COEFFICIENT = $.121E-01$ PER METER
VISIBILITY LIMIT, UPPER = 323., LOWER = 248. METERS
LIQUID WATER CONTENT = $.14143$ GM/M3
PARTICLE COUNT = 8.43 PER CC

DATA FOR CHANNELS 33 THRU 48

623	438	375	316	258	192	191	146
126	112	55	50	42	19	15	4

EXTINCTION COEFFICIENT = $.157E-01$ PER METER
VISIBILITY LIMIT, UPPER = 250., LOWER = 191. METERS
LIQUID WATER CONTENT = $.41715$ GM/M3
PARTICLE COUNT = 1.97 PER CC

DATA FOR CHANNELS 49 THRU 64

4	2	1	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.271E-03$ PER METER
VISIBILITY LIMIT, UPPER = 14442., LOWER = 11061. METERS
LIQUID WATER CONTENT = $.01667$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.341E-01$ PER METER
VISIBILITY LIMIT, UPPER = 115., LOWER = 88. METERS
LIQUID WATER CONTENT = $.59043$ GM/M3
PARTICLE COUNT = 105.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 30
FOR DATA STARTING 11 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

17211	69803	41430	5265	908	391	423	512
608	807	1014	1104	1236	1295	1277	1257

EXTINCTION COEFFICIENT = .605E-02 PER METER
VISIBILITY LIMIT, UPPER = 647., LOWER = 495. METERS
LIQUID WATER CONTENT = .01496 GM/M3
PARTICLE COUNT = 96.36 PER CC

DATA FOR CHANNELS 17 THRU 32

1075	956	1010	957	926	773	699	649
638	725	719	807	797	673	643	613

EXTINCTION COEFFICIENT = .118E-01 PER METER
VISIBILITY LIMIT, UPPER = 331., LOWER = 254. METERS
LIQUID WATER CONTENT = .13655 GM/M3
PARTICLE COUNT = 8.44 PER CC

DATA FOR CHANNELS 33 THRU 48

516	426	332	291	245	181	139	125
109	74	64	40	22	10	3	1

EXTINCTION COEFFICIENT = .131E-01 PER METER
VISIBILITY LIMIT, UPPER = 299., LOWER = 229. METERS
LIQUID WATER CONTENT = .33476 GM/M3
PARTICLE COUNT = 1.72 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-04 PER METER
VISIBILITY LIMIT, UPPER = 105018., LOWER = 80428. METERS
LIQUID WATER CONTENT = .00234 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .310E-01 PER METER
VISIBILITY LIMIT, UPPER = 126., LOWER = 97. METERS
LIQUID WATER CONTENT = .48861 GM/M3
PARTICLE COUNT = 106.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 31
FOR DATA STARTING 1:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

16897	63340	36057	4631	827	249	338	376
498	644	757	899	934	959	976	886

EXTINCTION COEFFICIENT = .523E-02 PER METER
VISIBILITY LIMIT, UPPER = 748., LOWER = 573. METERS
LIQUID WATER CONTENT = .01251 GM/M3
PARTICLE COUNT = 86.18 PER CC

DATA FOR CHANNELS 17 THRU 32

766	742	717	613	649	538	496	444
463	460	510	536	563	520	469	540

EXTINCTION COEFFICIENT = .861E-02 PER METER
VISIBILITY LIMIT, UPPER = 454., LOWER = 348. METERS
LIQUID WATER CONTENT = .10103 GM/M3
PARTICLE COUNT = 6.02 PER CC

DATA FOR CHANNELS 33 THRU 48

483	489	421	341	324	315	216	181
125	80	67	48	30	11	14	6

EXTINCTION COEFFICIENT = .167E-01 PER METER
VISIBILITY LIMIT, UPPER = 235., LOWER = 180. METERS
LIQUID WATER CONTENT = .43648 GM/M3
PARTICLE COUNT = 2.10 PER CC

DATA FOR CHANNELS 49 THRU 64

5	4	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .326E-03 PER METER
VISIBILITY LIMIT, UPPER = 11997., LOWER = 9188. METERS
LIQUID WATER CONTENT = .01963 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .308E-01 PER METER
VISIBILITY LIMIT, UPPER = 127., LOWER = 97. METERS
LIQUID WATER CONTENT = .56965 GM/M3
PARTICLE COUNT = 94.30 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 32
FOR DATA STARTING 1:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

11904	43615	26139	3978	793	235	229	302
386	540	639	717	783	759	829	777

EXTINCTION COEFFICIENT = $.386E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1013., LOWER = 776. METERS
LIQUID WATER CONTENT = $.00951$ GM/M3
PARTICLE COUNT = 61.75 PER CC

DATA FOR CHANNELS 17 THRU 32

686	660	608	577	605	522	476	469
418	431	489	460	405	296	336	261

EXTINCTION COEFFICIENT = $.667E-02$ PER METER
VISIBILITY LIMIT, UPPER = 586., LOWER = 449. METERS
LIQUID WATER CONTENT = $.07420$ GM/M3
PARTICLE COUNT = 5.13 PER CC

DATA FOR CHANNELS 33 THRU 48

282	268	240	226	173	160	140	110
92	53	48	32	24	6	7	4

EXTINCTION COEFFICIENT = $.101E-01$ PER METER
VISIBILITY LIMIT, UPPER = 385., LOWER = 295. METERS
LIQUID WATER CONTENT = $.27027$ GM/M3
PARTICLE COUNT = 1.24 PER CC

DATA FOR CHANNELS 49 THRU 64

4	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.149E-03$ PER METER
VISIBILITY LIMIT, UPPER = 26257., LOWER = 20109. METERS
LIQUID WATER CONTENT = $.00843$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.208E-01$ PER METER
VISIBILITY LIMIT, UPPER = 188., LOWER = 144. METERS
LIQUID WATER CONTENT = $.36241$ GM/M3
PARTICLE COUNT = 68.13 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 33
FOR DATA STARTING 1:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8018	27380	17592	3270	783	154	160	248
316	420	492	616	587	592	618	681

EXTINCTION COEFFICIENT = .267E-02 PER METER
VISIBILITY LIMIT, UPPER = 1466., LOWER = 1122. METERS
LIQUID WATER CONTENT = .00677 GM/M3
PARTICLE COUNT = 41.23 PER CC

DATA FOR CHANNELS 17 THRU 32

476	431	375	390	320	293	264	241
245	265	279	323	280	242	180	194

EXTINCTION COEFFICIENT = .426E-02 PER METER
VISIBILITY LIMIT, UPPER = 918., LOWER = 703. METERS
LIQUID WATER CONTENT = .04805 GM/M3
PARTICLE COUNT = 3.21 PER CC

DATA FOR CHANNELS 33 THRU 48

213	162	167	156	156	123	111	76
77	48	41	25	16	5	2	0

EXTINCTION COEFFICIENT = .759E-02 PER METER
VISIBILITY LIMIT, UPPER = 516., LOWER = 395. METERS
LIQUID WATER CONTENT = .20106 GM/M3
PARTICLE COUNT = .92 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .145E-01 PER METER
VISIBILITY LIMIT, UPPER = 270., LOWER = 206. METERS
LIQUID WATER CONTENT = .25587 GM/M3
PARTICLE COUNT = 45.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 34
FOR DATA STARTING 1:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

10522	42951	27977	4625	956	224	251	297
431	571	711	792	755	854	876	878

EXTINCTION COEFFICIENT = $.398E-02$ PER METER
VISIBILITY LIMIT, UPPER = 983., LOWER = 753. METERS
LIQUID WATER CONTENT = $.00994$ GM/M3
PARTICLE COUNT = 62.45 PER CC

DATA FOR CHANNELS 17 THRU 32

717	677	645	642	671	542	455	428
425	463	518	505	485	378	296	251

EXTINCTION COEFFICIENT = $.703E-02$ PER METER
VISIBILITY LIMIT, UPPER = 556., LOWER = 426. METERS
LIQUID WATER CONTENT = $.07805$ GM/M3
PARTICLE COUNT = 5.40 PER CC

DATA FOR CHANNELS 33 THRU 48

250	211	168	152	165	117	92	75
65	57	34	25	13	9	5	4

EXTINCTION COEFFICIENT = $.780E-02$ PER METER
VISIBILITY LIMIT, UPPER = 502., LOWER = 384. METERS
LIQUID WATER CONTENT = $.20808$ GM/M3
PARTICLE COUNT = .96 PER CC

DATA FOR CHANNELS 49 THRU 64

3	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.159E-03$ PER METER
VISIBILITY LIMIT, UPPER = 24592., LOWER = 18833. METERS
LIQUID WATER CONTENT = $.00936$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.190E-01$ PER METER
VISIBILITY LIMIT, UPPER = 206., LOWER = 158. METERS
LIQUID WATER CONTENT = $.30543$ GM/M3
PARTICLE COUNT = 68.81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 35
FOR DATA STARTING 1150 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

7737	36413	22087	3822	811	206	217	245
393	473	584	678	721	826	854	885

EXTINCTION COEFFICIENT = .335E-02 PER METER
VISIBILITY LIMIT, UPPER = 1169., LOWER = 895. METERS
LIQUID WATER CONTENT = .00856 GM/M3
PARTICLE COUNT = 51.25 PER CC

DATA FOR CHANNELS 17 THRU 32

714	577	584	544	489	392	352	312
297	339	365	442	378	297	247	212

EXTINCTION COEFFICIENT = .558E-02 PER METER
VISIBILITY LIMIT, UPPER = 701., LOWER = 537. METERS
LIQUID WATER CONTENT = .06202 GM/M3
PARTICLE COUNT = 4.36 PER CC

DATA FOR CHANNELS 33 THRU 48

208	181	157	151	145	104	105	93
66	44	38	28	18	19	8	3

EXTINCTION COEFFICIENT = .785E-02 PER METER
VISIBILITY LIMIT, UPPER = 498., LOWER = 382. METERS
LIQUID WATER CONTENT = .21747 GM/M3
PARTICLE COUNT = .91 PER CC

DATA FOR CHANNELS 49 THRU 64

4	2	0	2	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .312E-03 PER METER
VISIBILITY LIMIT, UPPER = 12540., LOWER = 9604. METERS
LIQUID WATER CONTENT = .01928 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .171E-01 PER METER
VISIBILITY LIMIT, UPPER = 229., LOWER = 175. METERS
LIQUID WATER CONTENT = .30733 GM/M3
PARTICLE COUNT = 56.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 36
FOR DATA STARTING 21 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

16526	77524	42939	6105	950	294	284	380
430	570	673	727	822	787	831	883

EXTINCTION COEFFICIENT = $.585E-02$ PER METER
VISIBILITY LIMIT, UPPER = 668., LOWER = 512. METERS
LIQUID WATER CONTENT = $.01338$ GM/M3
PARTICLE COUNT = 100.43 PER CC

DATA FOR CHANNELS 17 THRU 32

676	616	624	626	527	481	428	371
417	368	470	498	489	447	428	515

EXTINCTION COEFFICIENT = $.769E-02$ PER METER
VISIBILITY LIMIT, UPPER = 509., LOWER = 389. METERS
LIQUID WATER CONTENT = $.09079$ GM/M3
PARTICLE COUNT = 5.32 PER CC

DATA FOR CHANNELS 33 THRU 48

484	450	365	363	348	296	244	209
177	91	67	39	26	10	6	4

EXTINCTION COEFFICIENT = $.170E-01$ PER METER
VISIBILITY LIMIT, UPPER = 230., LOWER = 176. METERS
LIQUID WATER CONTENT = $.44253$ GM/M3
PARTICLE COUNT = 2.12 PER CC

DATA FOR CHANNELS 49 THRU 64

2	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.176E-03$ PER METER
VISIBILITY LIMIT, UPPER = 22170., LOWER = 16979. METERS
LIQUID WATER CONTENT = $.01348$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.307E-01$ PER METER
VISIBILITY LIMIT, UPPER = 127., LOWER = 98. METERS
LIQUID WATER CONTENT = $.56019$ GM/M3
PARTICLE COUNT = 107.87 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 37
FOR DATA STARTING 2110 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

14888	72133	41100	5607	917	347	338	436
576	715	918	976	1046	1153	1104	1007

EXTINCTION COEFFICIENT = $.587E-02$ PER METER
VISIBILITY LIMIT, UPPER = 666., LOWER = 510. METERS
LIQUID WATER CONTENT = $.01419$ GM/M3
PARTICLE COUNT = 95.56 PER CC

DATA FOR CHANNELS 17 THRU 32

1000	913	896	898	781	740	684	610
586	624	646	689	607	496	433	443

EXTINCTION COEFFICIENT = $.966E-02$ PER METER
VISIBILITY LIMIT, UPPER = 405., LOWER = 310. METERS
LIQUID WATER CONTENT = $.10858$ GM/M3
PARTICLE COUNT = 7.31 PER CC

DATA FOR CHANNELS 33 THRU 48

411	351	286	235	221	209	148	131
118	105	57	46	19	18	5	8

EXTINCTION COEFFICIENT = $.138E-01$ PER METER
VISIBILITY LIMIT, UPPER = 302., LOWER = 231. METERS
LIQUID WATER CONTENT = $.34881$ GM/M3
PARTICLE COUNT = 1.58 PER CC

DATA FOR CHANNELS 49 THRU 64

3	3	2	1	0	1	0	2
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.610E-03$ PER METER
VISIBILITY LIMIT, UPPER = 6409., LOWER = 4908. METERS
LIQUID WATER CONTENT = $.04668$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.291E-01$ PER METER
VISIBILITY LIMIT, UPPER = 134., LOWER = 103. METERS
LIQUID WATER CONTENT = $.51826$ GM/M3
PARTICLE COUNT = 104.46 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 38
FOR DATA STARTING 2120 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

16618	68900	38169	5665	895	253	276	288
382	480	550	672	681	700	668	648

EXTINCTION COEFFICIENT = .522E-02 PER METER
VISIBILITY LIMIT, UPPER = 749., LOWER = 573. METERS
LIQUID WATER CONTENT = .01181 GM/M3
PARTICLE COUNT = 90.56 PER CC

DATA FOR CHANNELS 17 THRU 32

569	498	514	489	469	385	381	337
317	392	389	422	454	425	445	486

EXTINCTION COEFFICIENT = .698E-02 PER METER
VISIBILITY LIMIT, UPPER = 561., LOWER = 429. METERS
LIQUID WATER CONTENT = .08362 GM/M3
PARTICLE COUNT = 4.64 PER CC

DATA FOR CHANNELS 33 THRU 48

420	361	288	258	210	177	157	132
100	86	50	43	27	16	9	7

EXTINCTION COEFFICIENT = .126E-01 PER METER
VISIBILITY LIMIT, UPPER = 310., LOWER = 237. METERS
LIQUID WATER CONTENT = .33852 GM/M3
PARTICLE COUNT = 1.56 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-04 PER METER
VISIBILITY LIMIT, UPPER = 64991., LOWER = 49773. METERS
LIQUID WATER CONTENT = .00341 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .249E-01 PER METER
VISIBILITY LIMIT, UPPER = 157., LOWER = 120. METERS
LIQUID WATER CONTENT = .43735 GM/M3
PARTICLE COUNT = 96.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 39
FOR DATA STARTING 2:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

7557	39611	24191	4450	1010	201	244	293
437	617	747	860	894	909	849	735

EXTINCTION COEFFICIENT = $.365E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1071., LOWER = 820. METERS
LIQUID WATER CONTENT = $.00930$ GM/M3
PARTICLE COUNT = 55.74 PER CC

DATA FOR CHANNELS 17 THRU 32

585	596	528	525	507	413	362	381
327	349	378	439	401	350	348	351

EXTINCTION COEFFICIENT = $.633E-02$ PER METER
VISIBILITY LIMIT, UPPER = 618., LOWER = 473. METERS
LIQUID WATER CONTENT = $.07319$ GM/M3
PARTICLE COUNT = 4.56 PER CC

DATA FOR CHANNELS 33 THRU 48

312	277	211	188	134	108	103	83
56	37	32	22	10	4	9	3

EXTINCTION COEFFICIENT = $.800E-02$ PER METER
VISIBILITY LIMIT, UPPER = 489., LOWER = 374. METERS
LIQUID WATER CONTENT = $.20565$ GM/M3
PARTICLE COUNT = 1.06 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-04$ PER METER
VISIBILITY LIMIT, UPPER = 140040., LOWER = 107249. METERS
LIQUID WATER CONTENT = $.00152$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.180E-01$ PER METER
VISIBILITY LIMIT, UPPER = 217., LOWER = 166. METERS
LIQUID WATER CONTENT = $.28967$ GM/M3
PARTICLE COUNT = 61.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 48
FOR DATA STARTING 2140 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

9377	54260	32656	5761	1843	310	341	484
569	745	893	1099	1186	1128	1112	963

EXTINCTION COEFFICIENT = $.483E-02$ PER METER
VISIBILITY LIMIT, UPPER = 810., LOWER = 621. METERS
LIQUID WATER CONTENT = $.01219$ GM/M3
PARTICLE COUNT = 74.51 PER CC

DATA FOR CHANNELS 17 THRU 32

866	775	683	635	552	585	439	428
475	522	648	647	628	687	593	535

EXTINCTION COEFFICIENT = $.942E-02$ PER METER
VISIBILITY LIMIT, UPPER = 415., LOWER = 318. METERS
LIQUID WATER CONTENT = $.11189$ GM/M3
PARTICLE COUNT = 6.36 PER CC

DATA FOR CHANNELS 33 THRU 48

473	396	286	244	151	186	91	55
57	36	22	17	8	8	5	0

EXTINCTION COEFFICIENT = $.880E-02$ PER METER
VISIBILITY LIMIT, UPPER = 445., LOWER = 341. METERS
LIQUID WATER CONTENT = $.21852$ GM/M3
PARTICLE COUNT = 1.30 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.652E-04$ PER METER
VISIBILITY LIMIT, UPPER = 60013., LOWER = 45961. METERS
LIQUID WATER CONTENT = $.00386$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.231E-01$ PER METER
VISIBILITY LIMIT, UPPER = 169., LOWER = 130. METERS
LIQUID WATER CONTENT = $.33846$ GM/M3
PARTICLE COUNT = 82.17 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 41
FOR DATA STARTING 2:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8350	43871	27273	4334	879	272	290	411
554	809	964	1194	1243	1249	1180	977

EXTINCTION COEFFICIENT = .428E-02 PER METER
VISIBILITY LIMIT, UPPER = 915., LOWER = 701. METERS
LIQUID WATER CONTENT = .01132 GM/M3
PARTICLE COUNT = 62.57 PER CC

DATA FOR CHANNELS 17 THRU 32

805	703	667	599	527	413	421	408
404	468	548	598	615	552	521	570

EXTINCTION COEFFICIENT = .878E-02 PER METER
VISIBILITY LIMIT, UPPER = 445., LOWER = 341. METERS
LIQUID WATER CONTENT = .10494 GM/M3
PARTICLE COUNT = 5.80 PER CC

DATA FOR CHANNELS 33 THRU 48

545	457	357	269	172	107	61	45
29	24	15	12	8	3	6	0

EXTINCTION COEFFICIENT = .885E-02 PER METER
VISIBILITY LIMIT, UPPER = 442., LOWER = 339. METERS
LIQUID WATER CONTENT = .20177 GM/M3
PARTICLE COUNT = 1.41 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 37904., LOWER = 29028. METERS
LIQUID WATER CONTENT = .00631 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .220E-01 PER METER
VISIBILITY LIMIT, UPPER = 178., LOWER = 136. METERS
LIQUID WATER CONTENT = .32434 GM/M3
PARTICLE COUNT = 69.85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 42
FOR DATA STARTING 3: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

24240	97184	55020	5575	788	422	464	486
593	783	940	1034	1147	1192	1142	1115

EXTINCTION COEFFICIENT = .753E-02 PER METER
VISIBILITY LIMIT, UPPER = 520., LOWER = 398. METERS
LIQUID WATER CONTENT = .01743 GM/M3
PARTICLE COUNT = 128.08 PER CC

DATA FOR CHANNELS 17 THRU 32

976	860	834	761	650	625	633	607
610	746	765	864	900	878	1001	995

EXTINCTION COEFFICIENT = .136E-01 PER METER
VISIBILITY LIMIT, UPPER = 287., LOWER = 220. METERS
LIQUID WATER CONTENT = .16769 GM/M3
PARTICLE COUNT = 8.47 PER CC

DATA FOR CHANNELS 33 THRU 48

941	808	664	529	358	244	192	137
68	62	47	36	16	15	6	1

EXTINCTION COEFFICIENT = .186E-01 PER METER
VISIBILITY LIMIT, UPPER = 210., LOWER = 161. METERS
LIQUID WATER CONTENT = .44246 GM/M3
PARTICLE COUNT = 2.76 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35607., LOWER = 27269. METERS
LIQUID WATER CONTENT = .00701 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .399E-01 PER METER
VISIBILITY LIMIT, UPPER = 98., LOWER = 75. METERS
LIQUID WATER CONTENT = .63459 GM/M3
PARTICLE COUNT = 139.32 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 43
FOR DATA STARTING 3:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

12846	58124	35166	4997	860	330	371	469
596	760	912	1128	1157	1242	1273	1092

EXTINCTION COEFFICIENT = $.521E-02$ PER METER
VISIBILITY LIMIT, UPPER = 750., LOWER = 575. METERS
LIQUID WATER CONTENT = $.01318$ GM/M3
PARTICLE COUNT = 80.88 PER CC

DATA FOR CHANNELS 17 THRU 32

948	807	864	824	792	648	593	575
618	706	811	843	764	645	584	551

EXTINCTION COEFFICIENT = $.111E-01$ PER METER
VISIBILITY LIMIT, UPPER = 353., LOWER = 270. METERS
LIQUID WATER CONTENT = $.12901$ GM/M3
PARTICLE COUNT = 7.72 PER CC

DATA FOR CHANNELS 33 THRU 48

495	367	266	203	137	99	59	41
29	15	14	16	12	5	4	1

EXTINCTION COEFFICIENT = $.756E-02$ PER METER
VISIBILITY LIMIT, UPPER = 517., LOWER = 396. METERS
LIQUID WATER CONTENT = $.17687$ GM/M3
PARTICLE COUNT = 1.18 PER CC

DATA FOR CHANNELS 49 THRU 64

3	1	0	2	0	3	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = $.492E-03$ PER METER
VISIBILITY LIMIT, UPPER = 7952., LOWER = 6090. METERS
LIQUID WATER CONTENT = $.03885$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.244E-01$ PER METER
VISIBILITY LIMIT, UPPER = 161., LOWER = 123. METERS
LIQUID WATER CONTENT = $.35792$ GM/M3
PARTICLE COUNT = 89.78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 44
FOR DATA STARTING 3:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

19719	79921	45994	5679	878	374	381	480
596	696	869	1037	1107	1133	1152	968

EXTINCTION COEFFICIENT = $.644E-02$ PER METER
VISIBILITY LIMIT, UPPER = 607., LOWER = 465. METERS
LIQUID WATER CONTENT = $.01521$ GM/M3
PARTICLE COUNT = 107.32 PER CC

DATA FOR CHANNELS 17 THRU 32

869	762	727	710	690	547	544	587
621	625	836	931	800	712	724	742

EXTINCTION COEFFICIENT = $.118E-01$ PER METER
VISIBILITY LIMIT, UPPER = 331., LOWER = 253. METERS
LIQUID WATER CONTENT = $.14227$ GM/M3
PARTICLE COUNT = 7.62 PER CC

DATA FOR CHANNELS 33 THRU 48

639	464	396	283	202	147	105	74
48	34	22	11	14	13	4	2

EXTINCTION COEFFICIENT = $.109E-01$ PER METER
VISIBILITY LIMIT, UPPER = 360., LOWER = 276. METERS
LIQUID WATER CONTENT = $.25720$ GM/M3
PARTICLE COUNT = 1.64 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	2	1	1	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.383E-03$ PER METER
VISIBILITY LIMIT, UPPER = 10204., LOWER = 7814. METERS
LIQUID WATER CONTENT = $.03306$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.295E-01$ PER METER
VISIBILITY LIMIT, UPPER = 133., LOWER = 102. METERS
LIQUID WATER CONTENT = $.44774$ GM/M3
PARTICLE COUNT = 116.58 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 45
FOR DATA STARTING 3:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

17864	70394	40592	5226	878	209	255	384
400	445	570	667	703	667	663	562

EXTINCTION COEFFICIENT = .535E-02 PER METER
VISIBILITY LIMIT, UPPER = 731., LOWER = 560. METERS
LIQUID WATER CONTENT = .01196 GM/M3
PARTICLE COUNT = 93.60 PER CC

DATA FOR CHANNELS 17 THRU 32

525	449	463	460	438	400	373	412
472	510	625	748	703	714	648	645

EXTINCTION COEFFICIENT = .968E-02 PER METER
VISIBILITY LIMIT, UPPER = 404., LOWER = 309. METERS
LIQUID WATER CONTENT = .11977 GM/M3
PARTICLE COUNT = 5.72 PER CC

DATA FOR CHANNELS 33 THRU 48

549	363	276	212	122	71	42	34
17	14	9	6	3	3	1	1

EXTINCTION COEFFICIENT = .683E-02 PER METER
VISIBILITY LIMIT, UPPER = 573., LOWER = 439. METERS
LIQUID WATER CONTENT = .14945 GM/M3
PARTICLE COUNT = 1.15 PER CC

DATA FOR CHANNELS 49 THRU 64

2	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .125E-03 PER METER
VISIBILITY LIMIT, UPPER = 31201., LOWER = 23896. METERS
LIQUID WATER CONTENT = .00727 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .220E-01 PER METER
VISIBILITY LIMIT, UPPER = 178., LOWER = 136. METERS
LIQUID WATER CONTENT = .28845 GM/M3
PARTICLE COUNT = 100.47 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 46
FOR DATA STARTING 3:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

17697	66354	37404	5061	747	225	212	258
331	404	455	499	534	576	554	537

EXTINCTION COEFFICIENT = .496E-02 PER METER
VISIBILITY LIMIT, UPPER = 789., LOWER = 604. METERS
LIQUID WATER CONTENT = .01095 GM/M3
PARTICLE COUNT = 87.90 PER CC

DATA FOR CHANNELS 17 THRU 32

537	468	494	489	504	430	399	411
456	459	555	511	439	402	361	323

EXTINCTION COEFFICIENT = .695E-02 PER METER
VISIBILITY LIMIT, UPPER = 563., LOWER = 431. METERS
LIQUID WATER CONTENT = .08035 GM/M3
PARTICLE COUNT = 4.83 PER CC

DATA FOR CHANNELS 33 THRU 48

284	204	182	110	86	64	45	37
31	22	12	9	11	4	1	1

EXTINCTION COEFFICIENT = .503E-02 PER METER
VISIBILITY LIMIT, UPPER = 777., LOWER = 595. METERS
LIQUID WATER CONTENT = .12215 GM/M3
PARTICLE COUNT = .74 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .169E-01 PER METER
VISIBILITY LIMIT, UPPER = 231., LOWER = 177. METERS
LIQUID WATER CONTENT = .21345 GM/M3
PARTICLE COUNT = 93.46 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 47
FOR DATA STARTING 3:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

19794	81381	46106	5497	745	280	277	335
427	473	561	653	672	711	706	637

EXTINCTION COEFFICIENT = .601E-02 PER METER
VISIBILITY LIMIT, UPPER = 651., LOWER = 498. METERS
LIQUID WATER CONTENT = .01331 GM/M3
PARTICLE COUNT = 106.17 PER CC

DATA FOR CHANNELS 17 THRU 32

626	590	597	566	566	492	516	454
525	586	630	691	675	623	599	617

EXTINCTION COEFFICIENT = .977E-02 PER METER
VISIBILITY LIMIT, UPPER = 400., LOWER = 307. METERS
LIQUID WATER CONTENT = .11769 GM/M3
PARTICLE COUNT = 6.24 PER CC

DATA FOR CHANNELS 33 THRU 48

499	383	243	207	142	76	58	39
20	13	6	6	3	3	0	0

EXTINCTION COEFFICIENT = .681E-02 PER METER
VISIBILITY LIMIT, UPPER = 574., LOWER = 440. METERS
LIQUID WATER CONTENT = .14924 GM/M3
PARTICLE COUNT = 1.13 PER CC

DATA FOR CHANNELS 49 THRU 64

1	2	0	0	0	0	0	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .302E-03 PER METER
VISIBILITY LIMIT, UPPER = 12958., LOWER = 9924. METERS
LIQUID WATER CONTENT = .03652 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .229E-01 PER METER
VISIBILITY LIMIT, UPPER = 171., LOWER = 131. METERS
LIQUID WATER CONTENT = .31675 GM/M3
PARTICLE COUNT = 113.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 48
FOR DATA STARTING 4: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

16042	61815	34261	4819	751	176	213	187
273	318	317	373	367	402	403	374

EXTINCTION COEFFICIENT = .445E-02 PER METER
VISIBILITY LIMIT, UPPER = 878., LOWER = 673. METERS
LIQUID WATER CONTENT = .00956 GM/M3
PARTICLE COUNT = 80.73 PER CC

DATA FOR CHANNELS 17 THRU 32

363	350	420	414	433	406	435	406
392	486	494	466	354	293	210	127

EXTINCTION COEFFICIENT = .549E-02 PER METER
VISIBILITY LIMIT, UPPER = 713., LOWER = 546. METERS
LIQUID WATER CONTENT = .06069 GM/M3
PARTICLE COUNT = 4.03 PER CC

DATA FOR CHANNELS 33 THRU 48

86	72	54	38	23	17	19	7
10	5	10	4	1	2	1	0

EXTINCTION COEFFICIENT = .161E-02 PER METER
VISIBILITY LIMIT, UPPER = 2425., LOWER = 1857. METERS
LIQUID WATER CONTENT = .03966 GM/M3
PARTICLE COUNT = .23 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .993E-04 PER METER
VISIBILITY LIMIT, UPPER = 39377., LOWER = 30157. METERS
LIQUID WATER CONTENT = .00721 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .117E-01 PER METER
VISIBILITY LIMIT, UPPER = 336., LOWER = 257. METERS
LIQUID WATER CONTENT = .11712 GM/M3
PARTICLE COUNT = 84.99 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 49
FOR DATA STARTING 4110 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

18802	88514	50803	6092	868	423	393	485
579	756	831	934	958	1011	917	858

EXTINCTION COEFFICIENT = $.675E-02$ PER METER
VISIBILITY LIMIT, UPPER = 579., LOWER = 444. METERS
LIQUID WATER CONTENT = $.01546$ GM/M3
PARTICLE COUNT = 115.47 PER CC

DATA FOR CHANNELS 17 THRU 32

756	726	691	739	631	725	697	752
830	970	1149	1262	1110	1085	977	844

EXTINCTION COEFFICIENT = $.154E-01$ PER METER
VISIBILITY LIMIT, UPPER = 254., LOWER = 195. METERS
LIQUID WATER CONTENT = $.18713$ GM/M3
PARTICLE COUNT = 9.38 PER CC

DATA FOR CHANNELS 33 THRU 48

692	449	290	202	111	59	47	14
14	10	5	3	2	6	1	0

EXTINCTION COEFFICIENT = $.713E-02$ PER METER
VISIBILITY LIMIT, UPPER = 549., LOWER = 420. METERS
LIQUID WATER CONTENT = $.15038$ GM/M3
PARTICLE COUNT = 1.27 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	0	0	1	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.194E-03$ PER METER
VISIBILITY LIMIT, UPPER = 20160., LOWER = 15440. METERS
LIQUID WATER CONTENT = $.01477$ GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.295E-01$ PER METER
VISIBILITY LIMIT, UPPER = 133., LOWER = 102. METERS
LIQUID WATER CONTENT = $.36767$ GM/M3
PARTICLE COUNT = 126.04 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 50
FOR DATA STARTING 4:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

17949	78974	44487	5992	978	312	362	431
493	613	672	695	783	759	787	674

EXTINCTION COEFFICIENT = .596E-02 PER METER
VISIBILITY LIMIT, UPPER = 656., LOWER = 503. METERS
LIQUID WATER CONTENT = .01344 GM/M3
PARTICLE COUNT = 103.31 PER CC

DATA FOR CHANNELS 17 THRU 32

632	621	697	659	621	587	594	624
726	857	1051	1208	1015	884	748	625

EXTINCTION COEFFICIENT = .131E-01 PER METER
VISIBILITY LIMIT, UPPER = 298., LOWER = 228. METERS
LIQUID WATER CONTENT = .15752 GM/M3
PARTICLE COUNT = 8.10 PER CC

DATA FOR CHANNELS 33 THRU 48

422	233	133	60	32	28	9	7
7	1	5	2	1	0	0	0

EXTINCTION COEFFICIENT = .329E-02 PER METER
VISIBILITY LIMIT, UPPER = 1189., LOWER = 910. METERS
LIQUID WATER CONTENT = .06629 GM/M3
PARTICLE COUNT = .63 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-04 PER METER
VISIBILITY LIMIT, UPPER = 140040., LOWER = 107249. METERS
LIQUID WATER CONTENT = .00152 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .224E-01 PER METER
VISIBILITY LIMIT, UPPER = 175., LOWER = 134. METERS
LIQUID WATER CONTENT = .23877 GM/M3
PARTICLE COUNT = 112.03 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 51
FOR DATA STARTING 4130 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8655	40650	21953	4039	771	147	167	202
207	253	273	331	356	404	473	494

EXTINCTION COEFFICIENT = .309E-02 PER METER
VISIBILITY LIMIT, UPPER = 1266., LOWER = 970. METERS
LIQUID WATER CONTENT = .00708 GM/M3
PARTICLE COUNT = 52.92 PER CC

DATA FOR CHANNELS 17 THRU 32

417	448	507	558	530	394	378	328
378	328	369	333	221	133	74	49

EXTINCTION COEFFICIENT = .409E-02 PER METER
VISIBILITY LIMIT, UPPER = 956., LOWER = 732. METERS
LIQUID WATER CONTENT = .04134 GM/M3
PARTICLE COUNT = 3.62 PER CC

DATA FOR CHANNELS 33 THRU 48

44	20	13	12	5	5	3	2
0	0	1	0	1	1	0	0

EXTINCTION COEFFICIENT = .422E-03 PER METER
VISIBILITY LIMIT, UPPER = 9273., LOWER = 7102. METERS
LIQUID WATER CONTENT = .00947 GM/M3
PARTICLE COUNT = .07 PER CC

DATA FOR CHANNELS 49 THRU 64

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-04 PER METER
VISIBILITY LIMIT, UPPER = 64991., LOWER = 49773. METERS
LIQUID WATER CONTENT = .00341 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .767E-02 PER METER
VISIBILITY LIMIT, UPPER = 510., LOWER = 391. METERS
LIQUID WATER CONTENT = .06130 GM/M3
PARTICLE COUNT = 56.61 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 52
FOR DATA STARTING 4140 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

4732	18224	10357	2114	516	82	73	91
91	100	93	100	118	126	177	183

EXTINCTION COEFFICIENT = .141E-02 PER METER
VISIBILITY LIMIT, UPPER = 2783., LOWER = 2132, METERS
LIQUID WATER CONTENT = .00311 GM/M3
PARTICLE COUNT = 24.78 PER CC

DATA FOR CHANNELS 17 THRU 32

148	93	92	84	75	44	38	24
18	11	12	7	2	2	1	2

EXTINCTION COEFFICIENT = .312E-03 PER METER
VISIBILITY LIMIT, UPPER = 12523., LOWER = 9591, METERS
LIQUID WATER CONTENT = .00245 GM/M3
PARTICLE COUNT = .44 PER CC

DATA FOR CHANNELS 33 THRU 48

1	2	2	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .210E-04 PER METER
VISIBILITY LIMIT, UPPER = 186270., LOWER = 142654, METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .174E-02 PER METER
VISIBILITY LIMIT, UPPER = 2250., LOWER = 1723, METERS
LIQUID WATER CONTENT = .00596 GM/M3
PARTICLE COUNT = 25.22 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 53
FOR DATA STARTING 4150 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8706	29151	16234	2903	623	128	115	160
172	195	233	276	306	323	404	467

EXTINCTION COEFFICIENT = .238E-02 PER METER
VISIBILITY LIMIT, UPPER = 1646., LOWER = 1260. METERS
LIQUID WATER CONTENT = .00555 GM/M3
PARTICLE COUNT = 40.26 PER CC

DATA FOR CHANNELS 17 THRU 32

349	317	301	252	235	203	146	145
151	195	209	236	216	148	110	93

EXTINCTION COEFFICIENT = .284E-02 PER METER
VISIBILITY LIMIT, UPPER = 1377., LOWER = 1054. METERS
LIQUID WATER CONTENT = .03151 GM/M3
PARTICLE COUNT = 2.21 PER CC

DATA FOR CHANNELS 33 THRU 48

89	64	44	20	18	8	10	2
3	0	5	0	1	1	0	0

EXTINCTION COEFFICIENT = .104E-02 PER METER
VISIBILITY LIMIT, UPPER = 3757., LOWER = 2877. METERS
LIQUID WATER CONTENT = .02291 GM/M3
PARTICLE COUNT = .18 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .626E-02 PER METER
VISIBILITY LIMIT, UPPER = 625., LOWER = 479. METERS
LIQUID WATER CONTENT = .05998 GM/M3
PARTICLE COUNT = 42.65 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 54
FOR DATA STARTING 5: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

4519	12923	7869	1500	396	51	50	50
55	45	50	60	72	78	103	110

EXTINCTION COEFFICIENT = $.103E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3804., LOWER = 2913. METERS
LIQUID WATER CONTENT = $.00221$ GM/M3
PARTICLE COUNT = 18.62 PER CC

DATA FOR CHANNELS 17 THRU 32

76	48	21	23	8	1	0	4
1	2	0	2	1	0	0	0

EXTINCTION COEFFICIENT = $.693E-04$ PER METER
VISIBILITY LIMIT, UPPER = 56463., LOWER = 43242. METERS
LIQUID WATER CONTENT = $.00047$ GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.497E-05$ PER METER
VISIBILITY LIMIT, UPPER = 787362., LOWER = 603000. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.110E-02$ PER METER
VISIBILITY LIMIT, UPPER = 3548., LOWER = 2717. METERS
LIQUID WATER CONTENT = $.00279$ GM/M3
PARTICLE COUNT = 18.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 55
FOR DATA STARTING 5:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

18230	62825	30453	4920	832	165	200	208
240	258	314	330	315	387	389	396

EXTINCTION COEFFICIENT = .439E-02 PER METER
VISIBILITY LIMIT, UPPER = 891., LOWER = 682. METERS
LIQUID WATER CONTENT = .00937 GM/M3
PARTICLE COUNT = 80.31 PER CC

DATA FOR CHANNELS 17 THRU 32

373	439	450	415	461	351	328	241
239	268	280	275	232	194	164	140

EXTINCTION COEFFICIENT = .401E-02 PER METER
VISIBILITY LIMIT, UPPER = 975., LOWER = 747. METERS
LIQUID WATER CONTENT = .04360 GM/M3
PARTICLE COUNT = 3.23 PER CC

DATA FOR CHANNELS 33 THRU 48

120	77	48	30	16	10	6	6
5	5	3	1	1	1	0	0

EXTINCTION COEFFICIENT = .129E-02 PER METER
VISIBILITY LIMIT, UPPER = 3027., LOWER = 2319. METERS
LIQUID WATER CONTENT = .02852 GM/M3
PARTICLE COUNT = .22 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .970E-02 PER METER
VISIBILITY LIMIT, UPPER = 403., LOWER = 309. METERS
LIQUID WATER CONTENT = .08149 GM/M3
PARTICLE COUNT = 83.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 56
FOR DATA STARTING 5:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

22933	72930	33566	4848	718	142	140	165
157	164	175	216	242	202	234	245

EXTINCTION COEFFICIENT = .478E-02 PER METER
VISIBILITY LIMIT, UPPER = 818., LOWER = 626. METERS
LIQUID WATER CONTENT = .00969 GM/M3
PARTICLE COUNT = 91.38 PER CC

DATA FOR CHANNELS 17 THRU 32

255	232	300	333	319	303	227	233
226	203	199	207	160	104	77	52

EXTINCTION COEFFICIENT = .271E-02 PER METER
VISIBILITY LIMIT, UPPER = 1442., LOWER = 1104. METERS
LIQUID WATER CONTENT = .02826 GM/M3
PARTICLE COUNT = 2.29 PER CC

DATA FOR CHANNELS 33 THRU 48

31	31	15	11	7	9	3	5
1	4	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .514E-03 PER METER
VISIBILITY LIMIT, UPPER = 7611., LOWER = 5829. METERS
LIQUID WATER CONTENT = .01198 GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .801E-02 PER METER
VISIBILITY LIMIT, UPPER = 488., LOWER = 374. METERS
LIQUID WATER CONTENT = .04992 GM/M3
PARTICLE COUNT = 93.75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 57
FOR DATA STARTING 5:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

12211	47499	24255	3829	717	189	194	230
236	255	334	344	387	459	572	595

EXTINCTION COEFFICIENT = $.356E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1098., LOWER = 841. METERS
LIQUID WATER CONTENT = $.00814$ GM/M3
PARTICLE COUNT = 61.54 PER CC

DATA FOR CHANNELS 17 THRU 32

537	462	557	593	542	548	427	420
360	387	382	329	290	130	97	74

EXTINCTION COEFFICIENT = $.463E-02$ PER METER
VISIBILITY LIMIT, UPPER = 844., LOWER = 646. METERS
LIQUID WATER CONTENT = $.04706$ GM/M3
PARTICLE COUNT = 4.09 PER CC

DATA FOR CHANNELS 33 THRU 48

45	32	8	11	10	7	5	3
1	2	1	0	1	0	0	0

EXTINCTION COEFFICIENT = $.509E-03$ PER METER
VISIBILITY LIMIT, UPPER = 7689., LOWER = 5889. METERS
LIQUID WATER CONTENT = $.01134$ GM/M3
PARTICLE COUNT = .08 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.871E-02$ PER METER
VISIBILITY LIMIT, UPPER = 449., LOWER = 344. METERS
LIQUID WATER CONTENT = $.06655$ GM/M3
PARTICLE COUNT = 65.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 58
FOR DATA STARTING 5:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

20585	61986	29271	4497	797	284	179	199
230	240	284	280	300	351	368	397

EXTINCTION COEFFICIENT = .434E-02 PER METER
VISIBILITY LIMIT, UPPER = 901., LOWER = 690. METERS
LIQUID WATER CONTENT = .00920 GM/M3
PARTICLE COUNT = 80.11 PER CC

DATA FOR CHANNELS 17 THRU 32

448	432	484	472	432	328	238	202
130	114	90	74	46	24	21	20

EXTINCTION COEFFICIENT = .201E-02 PER METER
VISIBILITY LIMIT, UPPER = 1947., LOWER = 1491. METERS
LIQUID WATER CONTENT = .01744 GM/M3
PARTICLE COUNT = 2.37 PER CC

DATA FOR CHANNELS 33 THRU 48

9	8	14	2	7	2	6	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .221E-03 PER METER
VISIBILITY LIMIT, UPPER = 17694., LOWER = 13551. METERS
LIQUID WATER CONTENT = .00513 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .057E-02 PER METER
VISIBILITY LIMIT, UPPER = 595., LOWER = 456. METERS
LIQUID WATER CONTENT = .03176 GM/M3
PARTICLE COUNT = 82.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 59
FOR DATA STARTING 5150 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

21398	59444	26730	4466	718	89	83	86
108	104	122	145	139	187	242	214

EXTINCTION COEFFICIENT = .397E-02 PER METER
VISIBILITY LIMIT, UPPER = 985., LOWER = 754. METERS
LIQUID WATER CONTENT = .00803 GM/M3
PARTICLE COUNT = 76.18 PER CC

DATA FOR CHANNELS 17 THRU 32

205	248	266	221	207	143	80	38
22	14	13	14	7	5	5	6

EXTINCTION COEFFICIENT = .712E-03 PER METER
VISIBILITY LIMIT, UPPER = 5496., LOWER = 4209. METERS
LIQUID WATER CONTENT = .00553 GM/M3
PARTICLE COUNT = 1.00 PER CC

DATA FOR CHANNELS 33 THRU 48

2	4	2	6	6	3	0	1
1	0	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .156E-03 PER METER
VISIBILITY LIMIT, UPPER = 25018., LOWER = 19160. METERS
LIQUID WATER CONTENT = .00421 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-04 PER METER
VISIBILITY LIMIT, UPPER = 140040., LOWER = 107249. METERS
LIQUID WATER CONTENT = .00152 GM/M3
PARTICLE COUNT = .00 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .487E-02 PER METER
VISIBILITY LIMIT, UPPER = 804., LOWER = 616. METERS
LIQUID WATER CONTENT = .01929 GM/M3
PARTICLE COUNT = 77.20 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 60
FOR DATA STARTING 6: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

19630	51670	22613	4460	734	19	17	00
11	07	13	12	11	23	22	24

EXTINCTION COEFFICIENT = .331E-02 PER METER
VISIBILITY LIMIT, UPPER = 1181., LOWER = 905. METERS
LIQUID WATER CONTENT = .00630 GM/M3
PARTICLE COUNT = 66.18 PER CC

DATA FOR CHANNELS 17 THRU 32

25	21	23	24	11	11	5	4
4	1	1	3	0	3	0	0

EXTINCTION COEFFICIENT = .661E-04 PER METER
VISIBILITY LIMIT, UPPER = 59203., LOWER = 45340. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	1	1	0	1	0	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .351E-04 PER METER
VISIBILITY LIMIT, UPPER = 111490., LOWER = 85385. METERS
LIQUID WATER CONTENT = .00085 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .341E-02 PER METER
VISIBILITY LIMIT, UPPER = 1146., LOWER = 878. METERS
LIQUID WATER CONTENT = .00768 GM/M3
PARTICLE COUNT = 66.28 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 61
FOR DATA STARTING 6110 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

15452	47970	23460	4340	737	75	47	57
61	58	61	78	78	71	107	114

EXTINCTION COEFFICIENT = .319E-02 PER METER
VISIBILITY LIMIT, UPPER = 1225., LOWER = 938. METERS
LIQUID WATER CONTENT = .00632 GM/M3
PARTICLE COUNT = 61.84 PER CC

DATA FOR CHANNELS 17 THRU 32

85	89	63	57	47	24	19	11
6	6	11	11	1	5	3	2

EXTINCTION COEFFICIENT = .220E-03 PER METER
VISIBILITY LIMIT, UPPER = 17802., LOWER = 13633. METERS
LIQUID WATER CONTENT = .00183 GM/M3
PARTICLE COUNT = .29 PER CC

DATA FOR CHANNELS 33 THRU 48

3	2	1	0	1	0	3	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .434E-04 PER METER
VISIBILITY LIMIT, UPPER = 90125., LOWER = 69022. METERS
LIQUID WATER CONTENT = .00098 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .346E-02 PER METER
VISIBILITY LIMIT, UPPER = 1131., LOWER = 866. METERS
LIQUID WATER CONTENT = .00912 GM/M3
PARTICLE COUNT = 62.14 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 82
FOR DATA STARTING 6120 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

8357	23289	12944	2568	627	75	84	96
93	111	93	122	142	173	245	278

EXTINCTION COEFFICIENT = $.185E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2119., LOWER = 1623. METERS
LIQUID WATER CONTENT = $.00408$ GM/M3
PARTICLE COUNT = 32.86 PER CC

DATA FOR CHANNELS 17 THRU 32

162	101	70	44	23	3	4	1
3	5	2	2	0	2	1	1

EXTINCTION COEFFICIENT = $.160E-03$ PER METER
VISIBILITY LIMIT, UPPER = 24383., LOWER = 18674. METERS
LIQUID WATER CONTENT = $.00111$ GM/M3
PARTICLE COUNT = .28 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = $.118E-04$ PER METER
VISIBILITY LIMIT, UPPER = 332057., LOWER = 254305. METERS
LIQUID WATER CONTENT = $.00042$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.202E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1938., LOWER = 1484. METERS
LIQUID WATER CONTENT = $.00561$ GM/M3
PARTICLE COUNT = 33.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 7, TEST # 63
FOR DATA STARTING 6130 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

7503	21046	11609	2307	552	63	49	69
56	76	76	64	80	97	103	117

EXTINCTION COEFFICIENT = $.157E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2490., LOWER = 1907. METERS
LIQUID WATER CONTENT = $.00327$ GM/M3
PARTICLE COUNT = 29.24 PER CC

DATA FOR CHANNELS 17 THRU 32

73	32	28	19	8	5	2	0
2	2	0	1	0	0	0	1

EXTINCTION COEFFICIENT = $.651E-04$ PER METER
VISIBILITY LIMIT, UPPER = 60092., LOWER = 46021. METERS
LIQUID WATER CONTENT = $.00045$ GM/M3
PARTICLE COUNT = .12 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.853E-05$ PER METER
VISIBILITY LIMIT, UPPER = 458532., LOWER = 351166. METERS
LIQUID WATER CONTENT = $.00019$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.164E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2378., LOWER = 1821. METERS
LIQUID WATER CONTENT = $.00390$ GM/M3
PARTICLE COUNT = 29.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 1
FOR DATA STARTING 19:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

308	1624	889	234	57	6	0	0
2	2	1	1	0	0	2	1

EXTINCTION COEFFICIENT = .109E+03 PER METER
VISIBILITY LIMIT, UPPER = 35982., LOWER = 27557. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 2.08 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	1	2	0	0	1	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .355E+05 PER METER
VISIBILITY LIMIT, UPPER = 1103513, LOWER = 845124. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .112E+03 PER METER
VISIBILITY LIMIT, UPPER = 34846., LOWER = 26687. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 2.09 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 2
FOR DATA STARTING 201 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

143	1556	781	246	63	0	0	2
0	1	0	0	2	0	0	1

EXTINCTION COEFFICIENT = .982E-04 PER METER
VISIBILITY LIMIT, UPPER = 39830., LOWER = 30504. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.87 PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .262E-05 PER METER
VISIBILITY LIMIT, UPPER = 1495360, LOWER = 1145219 METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .101E-03 PER METER
VISIBILITY LIMIT, UPPER = 38797., LOWER = 29713. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.87 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 3
FOR DATA STARTING 20:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

113	1483	690	207	72	9	0	0
3	1	1	0	0	0	2	0

EXTINCTION COEFFICIENT = .907E-04 PER METER
VISIBILITY LIMIT, UPPER = 43149., LOWER = 33045. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.72 PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	0	0	2	1	2	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .317E-05 PER METER
VISIBILITY LIMIT, UPPER = 1233029, LOWER = 944314. METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .938E-04 PER METER
VISIBILITY LIMIT, UPPER = 41690., LOWER = 31928. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.72 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 4
FOR DATA STARTING 20120 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

126	1414	658	224	55	4	0	1
1	1	2	0	1	0	1	0

EXTINCTION COEFFICIENT = .872E-04 PER METER
VISIBILITY LIMIT, UPPER = 44877., LOWER = 34369. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .497E-06 PER METER
VISIBILITY LIMIT, UPPER = 7871786, LOWER = 6028596 METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .877E-04 PER METER
VISIBILITY LIMIT, UPPER = 44623., LOWER = 34174. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 5
FOR DATA STARTING 20130 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

104	1271	662	198	45	8	1	1
0	3	3	2	3	0	1	4

EXTINCTION COEFFICIENT = .826E-04 PER METER
VISIBILITY LIMIT, UPPER = 47386., LOWER = 36290. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.54 PER CC

DATA FOR CHANNELS 17 THRU 32

2	2	3	2	0	0	0	0
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .500E-05 PER METER
VISIBILITY LIMIT, UPPER = 782754., LOWER = 599471. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .876E-04 PER METER
VISIBILITY LIMIT, UPPER = 44681., LOWER = 34219. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 6
FOR DATA STARTING 20140 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

118	1250	635	184	54	4	0	1
1	1	0	2	0	1	0	4

EXTINCTION COEFFICIENT = .798E-04 PER METER
VISIBILITY LIMIT, UPPER = 48996., LOWER = 37523. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.50 PER CC

DATA FOR CHANNELS 17 THRU 32

0	1	2	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .193E-05 PER METER
VISIBILITY LIMIT, UPPER = 2028186, LOWER = 1553283 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .818E-04 PER METER
VISIBILITY LIMIT, UPPER = 47840., LOWER = 36638. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.51 PER CC

NEPHELOMETER DATA

SERIES # CTS= 8, TEST # 7
FOR DATA STARTING 20:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

100	1217	619	199	53	3	1	0
0	1	0	1	1	0	3	1

EXTINCTION COEFFICIENT = .779E-04 PER METER
VISIBILITY LIMIT, UPPER = 50243., LOWER = 38479. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.47 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	1	1	2	1	0	0
0	1	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .673E-05 PER METER
VISIBILITY LIMIT, UPPER = 581018., LOWER = 444972. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .878E-04 PER METER
VISIBILITY LIMIT, UPPER = 44545., LOWER = 34115. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 1.47 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 8
FOR DATA STARTING 21: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

99	1347	674	200	57	11	0	0
0	1	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .839E-04 PER METER
VISIBILITY LIMIT, UPPER = 46629., LOWER = 35711. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.59 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .242E-05 PER METER
VISIBILITY LIMIT, UPPER = 1616751, LOWER = 1238186 METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .863E-04 PER METER
VISIBILITY LIMIT, UPPER = 45322., LOWER = 34710. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.59 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 9
FOR DATA STARTING 21110 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

100	1286	635	173	61	6	3	0
1	3	0	0	1	0	0	3

EXTINCTION COEFFICIENT = $.805E-04$ PER METER
VISIBILITY LIMIT, UPPER = 48577., LOWER = 37203. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = 1.52 PER CC

DATA FOR CHANNELS 17 THRU 32

2	1	1	1	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.226E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1732036, LOWER = 1326477 METERS
LIQUID WATER CONTENT = $.00001$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.856E-04$ PER METER
VISIBILITY LIMIT, UPPER = 45709., LOWER = 35006. METERS
LIQUID WATER CONTENT = $.00022$ GM/M3
PARTICLE COUNT = 1.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 10
FOR DATA STARTING 21120 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

150	1121	587	154	50	7	0	3
2	2	2	1	2	1	7	3

EXTINCTION COEFFICIENT = .754E-04 PER METER
VISIBILITY LIMIT, UPPER = 51849., LOWER = 39709. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.39 PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	0	1	2	1	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .346E-05 PER METER
VISIBILITY LIMIT, UPPER = 1131934, LOWER = 866890. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .789E-04 PER METER
VISIBILITY LIMIT, UPPER = 49578., LOWER = 37970. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 11
FOR DATA STARTING 21:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

375	1204	664	169	58	8	2	2
0	2	1	1	0	1	0	0

EXTINCTION COEFFICIENT = .856E-04 PER METER
VISIBILITY LIMIT, UPPER = 45678., LOWER = 34982. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

DATA FOR CHANNELS 17 THRU 32

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-06 PER METER
VISIBILITY LIMIT, UPPER = \$\$\$\$\$\$, LOWER = 9283190 METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .860E-04 PER METER
VISIBILITY LIMIT, UPPER = 45506., LOWER = 34851. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 12
FOR DATA STARTING 21:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

352	961	606	151	50	9	0	1
2	2	4	3	2	3	2	2

EXTINCTION COEFFICIENT = $.761E-04$ PER METER
VISIBILITY LIMIT, UPPER = 51438., LOWER = 39394. METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = 1.43 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	2	4	0	0	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = $.577E-05$ PER METER
VISIBILITY LIMIT, UPPER = 677454., LOWER = 518827. METERS
LIQUID WATER CONTENT = $.00004$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.818E-04$ PER METER
VISIBILITY LIMIT, UPPER = 47808., LOWER = 36614. METERS
LIQUID WATER CONTENT = $.00019$ GM/M3
PARTICLE COUNT = 1.44 PER CC

NEPHELOMETER DATA

SERIES # CT8- 8, TEST # 13
FOR DATA STARTING 21:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

374	826	551	136	52	7	5	3
8	4	3	2	2	5	2	3

EXTINCTION COEFFICIENT = $.712E-04$ PER METER
VISIBILITY LIMIT, UPPER = 54968., LOWER = 42097, METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = 1.32 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	2	4	1	0	0	0
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = $.759E-05$ PER METER
VISIBILITY LIMIT, UPPER = 515481., LOWER = 394780, METERS
LIQUID WATER CONTENT = $.00006$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.788E-04$ PER METER
VISIBILITY LIMIT, UPPER = 49671., LOWER = 38041, METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = 1.33 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 14
FOR DATA STARTING 221 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

369	1092	629	175	50	6	1	1
2	1	2	2	3	1	1	2

EXTINCTION COEFFICIENT = .817E-04 PER METER
VISIBILITY LIMIT, UPPER = 47910., LOWER = 36692. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.56 PER CC

DATA FOR CHANNELS 17 THRU 32

2	2	3	0	0	0	1	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .375E-05 PER METER
VISIBILITY LIMIT, UPPER = 1043002, LOWER = 798843. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .854E-04 PER METER
VISIBILITY LIMIT, UPPER = 45807., LOWER = 35061. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.56 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 15
FOR DATA STARTING 22:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

375	895	575	154	49	10	3	0
4	4	11	5	1	1	2	0

EXTINCTION COEFFICIENT = .741E-04 PER METER
VISIBILITY LIMIT, UPPER = 52763., LOWER = 40400. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.39 PER CC

DATA FOR CHANNELS 17 THRU 32

4	6	5	4	2	0	0	1
0	1	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .106E-04 PER METER
VISIBILITY LIMIT, UPPER = 369154., LOWER = 282716. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .847E-04 PER METER
VISIBILITY LIMIT, UPPER = 46165., LOWER = 35355. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 16
FOR DATA STARTING 22:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

371	861	569	134	48	9	1	2
7	8	7	1	4	1	4	6

EXTINCTION COEFFICIENT = .738E-04 PER METER
VISIBILITY LIMIT, UPPER = 53035., LOWER = 40617. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.36 PER CC

DATA FOR CHANNELS 17 THRU 32

8	6	1	4	1	1	1	3
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .122E-04 PER METER
VISIBILITY LIMIT, UPPER = 320661., LOWER = 245577. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .903E-04 PER METER
VISIBILITY LIMIT, UPPER = 43339., LOWER = 33191. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = 1.37 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 17
FOR DATA STARTING 22:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

297	912	620	178	51	3	3	5
5	2	6	3	4	2	4	5

EXTINCTION COEFFICIENT = .766E-04 PER METER
VISIBILITY LIMIT, UPPER = 51066., LOWER = 39109. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.40 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	5	3	1	0	1	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .678E-05 PER METER
VISIBILITY LIMIT, UPPER = 577395., LOWER = 442197. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .834E-04 PER METER
VISIBILITY LIMIT, UPPER = 46916., LOWER = 35931. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.41 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 18
FOR DATA STARTING 22:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

408	995	577	156	54	7	2	6
4	7	8	2	2	3	6	0

EXTINCTION COEFFICIENT = $.798E-04$ PER METER
VISIBILITY LIMIT, UPPER = 49006., LOWER = 37531. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = 1.49 PER CC

DATA FOR CHANNELS 17 THRU 32

9	5	1	1	2	1	1	2
0	0	0	2	0	0	0	0

EXTINCTION COEFFICIENT = $.114E-04$ PER METER
VISIBILITY LIMIT, UPPER = 342720., LOWER = 262472. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.912E-04$ PER METER
VISIBILITY LIMIT, UPPER = 42876., LOWER = 32836. METERS
LIQUID WATER CONTENT = $.00025$ GM/M3
PARTICLE COUNT = 1.51 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 19
FOR DATA STARTING 22:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

439	917	627	155	45	12	1	2
4	3	2	5	0	2	3	1

EXTINCTION COEFFICIENT = .779E-04 PER METER
VISIBILITY LIMIT, UPPER = 50235., LOWER = 38473. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.48 PER CC

DATA FOR CHANNELS 17 THRU 32

2	0	1	1	3	1	1	0
0	1	0	1	2	0	0	0

EXTINCTION COEFFICIENT = .961E-05 PER METER
VISIBILITY LIMIT, UPPER = 406932., LOWER = 311648. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .875E-04 PER METER
VISIBILITY LIMIT, UPPER = 44715., LOWER = 34245. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.49 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 20
FOR DATA STARTING 23: 0 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

446	997	625	176	56	10	2	3
3	4	6	1	4	3	1	3

EXTINCTION COEFFICIENT = .829E-04 PER METER
VISIBILITY LIMIT, UPPER = 47206., LOWER = 36152. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.56 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	1	1	2	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .324E-05 PER METER
VISIBILITY LIMIT, UPPER = 1208293, LOWER = 925369. METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .861E-04 PER METER
VISIBILITY LIMIT, UPPER = 45431., LOWER = 34793. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.57 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 21
FOR DATA STARTING 23:10 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

470	1025	696	170	61	4	1	2
1	3	3	3	1	2	3	0

EXTINCTION COEFFICIENT = .853E-04 PER METER
VISIBILITY LIMIT, UPPER = 45875., LOWER = 35133. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.63 PER CC

DATA FOR CHANNELS 17 THRU 32

4	4	2	0	3	1	0	1
1	0	0	2	0	0	0	0

EXTINCTION COEFFICIENT = .959E-05 PER METER
VISIBILITY LIMIT, UPPER = 407948., LOWER = 312426. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .949E-04 PER METER
VISIBILITY LIMIT, UPPER = 41237., LOWER = 31582. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.64 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 22
FOR DATA STARTING 23:20 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

357	861	630	135	41	9	3	4
2	4	3	3	3	0	0	0

EXTINCTION COEFFICIENT = .734E-04 PER METER
VISIBILITY LIMIT, UPPER = 53297., LOWER = 40818. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.37 PER CC

DATA FOR CHANNELS 17 THRU 32

2	5	4	3	1	0	2	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .678E-05 PER METER
VISIBILITY LIMIT, UPPER = 577265., LOWER = 442097. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .802E-04 PER METER
VISIBILITY LIMIT, UPPER = 48792., LOWER = 37368. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 23
FOR DATA STARTING 23:30 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

324	930	626	143	48	8	1	2
2	4	6	3	0	5	2	4

EXTINCTION COEFFICIENT = .756E-04 PER METER
VISIBILITY LIMIT, UPPER = 51726., LOWER = 39614. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.41 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	4	2	1	0	0	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .690E-05 PER METER
VISIBILITY LIMIT, UPPER = 566997., LOWER = 434234. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .858E-04 PER METER
VISIBILITY LIMIT, UPPER = 45618., LOWER = 34937. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 24
FOR DATA STARTING 23:40 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

376	1009	631	171	50	5	2	4
2	1	1	4	2	2	3	1

EXTINCTION COEFFICIENT = .797E-04 PER METER
VISIBILITY LIMIT, UPPER = 49105., LOWER = 37607. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 17 THRU 32

0	2	2	3	2	0	2	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .725E-05 PER METER
VISIBILITY LIMIT, UPPER = 539908., LOWER = 413488. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .869E-04 PER METER
VISIBILITY LIMIT, UPPER = 45012., LOWER = 34472. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 25
FOR DATA STARTING 23:50 ON 23/ 4/74

DATA FOR CHANNELS 1 THRU 16

137	1130	648	190	63	6	2	0
3	9	3	5	1	2	2	4

EXTINCTION COEFFICIENT = .804E-04 PER METER
VISIBILITY LIMIT, UPPER = 48672., LOWER = 37275. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.47 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	0	3	3	1	1	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .747E-05 PER METER
VISIBILITY LIMIT, UPPER = 524016., LOWER = 401317. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .878E-04 PER METER
VISIBILITY LIMIT, UPPER = 44535., LOWER = 34107. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.48 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 26
FOR DATA STARTING 01 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

96	1122	626	196	49	11	0	2
0	6	4	4	4	2	4	1

EXTINCTION COEFFICIENT = .776E-04 PER METER
VISIBILITY LIMIT, UPPER = 50415., LOWER = 38010. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.42 PER CC

DATA FOR CHANNELS 17 THRU 32

0	1	2	3	3	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .442E-05 PER METER
VISIBILITY LIMIT, UPPER = 884278., LOWER = 677223. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .820E-04 PER METER
VISIBILITY LIMIT, UPPER = 47696., LOWER = 36528. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.42 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 27
FOR DATA STARTING 0:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

186	1163	653	179	64	6	2	2
8	14	1	2	0	5	2	1

EXTINCTION COEFFICIENT = .827E-04 PER METER
VISIBILITY LIMIT, UPPER = 47306., LOWER = 36229. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.53 PER CC

DATA FOR CHANNELS 17 THRU 32

2	2	2	0	0	5	0	3
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .829E-05 PER METER
VISIBILITY LIMIT, UPPER = 471704., LOWER = 361254. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .942E-04 PER METER
VISIBILITY LIMIT, UPPER = 41522., LOWER = 31799. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 1.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 28
FOR DATA STARTING 0120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

101	1119	611	173	43	4	2	0
4	4	5	3	2	1	1	1

EXTINCTION COEFFICIENT = .744E-04 PER METER
VISIBILITY LIMIT, UPPER = 52598., LOWER = 40282. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.38 PER CC

DATA FOR CHANNELS 17 THRU 32

1	4	4	5	3	2	1	0
0	1	1	0	0	0	0	1

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER = 297880., LOWER = 228131. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .875E-04 PER METER
VISIBILITY LIMIT, UPPER = 44704., LOWER = 34237. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.40 PER CC

NEPHELOMETER DATA

SERIES # CTS= 8, TEST # 29
FOR DATA STARTING 0130 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

393	1049	682	156	68	12	2	3
7	13	5	3	3	3	4	5

EXTINCTION COEFFICIENT = .874E-04 PER METER
VISIBILITY LIMIT, UPPER = 44747., LOWER = 34269. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.61 PER CC

DATA FOR CHANNELS 17 THRU 32

2	1	1	1	3	0	0	1
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .604E-05 PER METER
VISIBILITY LIMIT, UPPER = 648083., LOWER = 496334. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .935E-04 PER METER
VISIBILITY LIMIT, UPPER = 41857., LOWER = 32056. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.61 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 30
FOR DATA STARTING 0140 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

562	1321	756	195	59	10	1	2
1	0	2	2	2	1	0	0

EXTINCTION COEFFICIENT = .997E-04 PER METER
VISIBILITY LIMIT, UPPER = 39219., LOWER = 30036. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.94 PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	0	1	1	1	0	0
0	0	1	0	0	0	2	0

EXTINCTION COEFFICIENT = .715E-05 PER METER
VISIBILITY LIMIT, UPPER = 547146., LOWER = 419031. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .110E-03 PER METER
VISIBILITY LIMIT, UPPER = 35664., LOWER = 27313. METERS
LIQUID WATER CONTENT = .00033 GM/M3
PARTICLE COUNT = 1.95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 31
FOR DATA STARTING 0150 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

345	1521	875	199	55	3	0	1
0	1	1	0	0	0	0	2

EXTINCTION COEFFICIENT = .104E-03 PER METER
VISIBILITY LIMIT, UPPER = 37756., LOWER = 28915. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 2.00 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	0	1	0	0	0	0
0	0	0	2	0	1	0	0

EXTINCTION COEFFICIENT = .497E-05 PER METER
VISIBILITY LIMIT, UPPER = 787689., LOWER = 603251. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .109E-03 PER METER
VISIBILITY LIMIT, UPPER = 36029., LOWER = 27593. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 2.00 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 32
FOR DATA STARTING 1: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

163	1115	652	172	53	4	0	4
8	3	7	5	0	2	0	1

EXTINCTION COEFFICIENT = $.786E-04$ PER METER
VISIBILITY LIMIT, UPPER = 49801., LOWER = 38140. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = 1.46 PER CC

DATA FOR CHANNELS 17 THRU 32

1	2	1	1	1	0	1	1
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = $.547E-05$ PER METER
VISIBILITY LIMIT, UPPER = 715507., LOWER = 547970. METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.868E-04$ PER METER
VISIBILITY LIMIT, UPPER = 45062., LOWER = 34511. METERS
LIQUID WATER CONTENT = $.00026$ GM/M3
PARTICLE COUNT = 1.47 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 33
FOR DATA STARTING 1:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

330	1132	695	163	66	7	0	2
3	3	7	1	3	3	0	6

EXTINCTION COEFFICIENT = .865E-04 PER METER
VISIBILITY LIMIT, UPPER = 45211., LOWER = 34625. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.61 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	1	4	0	0	4	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .783E-05 PER METER
VISIBILITY LIMIT, UPPER = 499330., LOWER = 382411. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .944E-04 PER METER
VISIBILITY LIMIT, UPPER = 41457., LOWER = 31750. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.62 PER CC

NEPHELOMETER DATA

SERIES # CTS- 0, TEST # 34
FOR DATA STARTING 1120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

346	1026	660	151	50	8	4	5
6	5	7	3	3	1	4	0

EXTINCTION COEFFICIENT = $.816E-04$ PER METER
VISIBILITY LIMIT, UPPER = 47970., LOWER = 36738. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = 1.52 PER CC

DATA FOR CHANNELS 17 THRU 32

4	2	2	5	3	2	1	2
0	0	2	0	0	0	0	0

EXTINCTION COEFFICIENT = $.118E-04$ PER METER
VISIBILITY LIMIT, UPPER = 330150., LOWER = 252845. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.934E-04$ PER METER
VISIBILITY LIMIT, UPPER = 41884., LOWER = 32077. METERS
LIQUID WATER CONTENT = $.00026$ GM/M3
PARTICLE COUNT = 1.54 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 35
FOR DATA STARTING 1:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

369	993	652	155	46	9	2	9
12	9	7	3	3	4	2	7

EXTINCTION COEFFICIENT = .835E-04 PER METER
VISIBILITY LIMIT, UPPER = 46853., LOWER = 35882. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.52 PER CC

DATA FOR CHANNELS 17 THRU 32

1	2	3	0	3	1	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .487E-05 PER METER
VISIBILITY LIMIT, UPPER = 802787., LOWER = 614814. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .884E-04 PER METER
VISIBILITY LIMIT, UPPER = 44269., LOWER = 33904. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.53 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 36
FOR DATA STARTING 1:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

398	911	706	153	51	7	3	1
8	7	8	8	0	1	1	4

EXTINCTION COEFFICIENT = $.815E-04$ PER METER
VISIBILITY LIMIT, UPPER = 48022., LOWER = 36778. METERS
LIQUID WATER CONTENT = $.00017$ GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 17 THRU 32

2	4	3	5	1	1	1	1
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = $.898E-05$ PER METER
VISIBILITY LIMIT, UPPER = 435669., LOWER = 333657. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.904E-04$ PER METER
VISIBILITY LIMIT, UPPER = 43254., LOWER = 33126. METERS
LIQUID WATER CONTENT = $.00024$ GM/M3
PARTICLE COUNT = 1.52 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 37
FOR DATA STARTING 1150 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

425	946	699	155	40	12	1	4
5	9	9	1	2	4	3	4

EXTINCTION COEFFICIENT = .834E-04 PER METER
VISIBILITY LIMIT, UPPER = 46911., LOWER = 35927. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = 1.55 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	2	1	2	0	0	0
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .624E-05 PER METER
VISIBILITY LIMIT, UPPER = 627329., LOWER = 480439. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .929E-04 PER METER
VISIBILITY LIMIT, UPPER = 42131., LOWER = 32266. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 1.55 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 38
FOR DATA STARTING 21 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

470	1009	742	157	61	9	0	4
1	5	5	1	4	3	3	3

EXTINCTION COEFFICIENT = .878E-04 PER METER
VISIBILITY LIMIT, UPPER = 44538., LOWER = 34109. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = 1.65 PER CC

DATA FOR CHANNELS 17 THRU 32

4	2	2	1	0	2	0	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .566E-05 PER METER
VISIBILITY LIMIT, UPPER = 691383., LOWER = 529495. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .935E-04 PER METER
VISIBILITY LIMIT, UPPER = 41843., LOWER = 32045. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 39
FOR DATA STARTING 2110 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

502	1188	803	180	54	5	1	3
4	14	5	7	3	1	1	4

EXTINCTION COEFFICIENT = .085E-04 PER METER
VISIBILITY LIMIT, UPPER = 39721., LOWER = 30420. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = 1.85 PER CC

DATA FOR CHANNELS 17 THRU 32

3	1	1	3	1	2	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .002E-05 PER METER
VISIBILITY LIMIT, UPPER = 650262., LOWER = 498002. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .105E-03 PER METER
VISIBILITY LIMIT, UPPER = 37434., LOWER = 28609. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 40
FOR DATA STARTING 2120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

665	1636	963	249	66	16	7	8
4	14	5	3	2	4	3	3

EXTINCTION COEFFICIENT = .128E-03 PER METER
VISIBILITY LIMIT, UPPER = 30451., LOWER = 23321. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 2.43 PER CC

DATA FOR CHANNELS 17 THRU 32

1	1	1	4	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .270E-05 PER METER
VISIBILITY LIMIT, UPPER = 1450850, LOWER = 1111130 METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .131E-03 PER METER
VISIBILITY LIMIT, UPPER = 29825., LOWER = 22842. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 2.44 PER CC

NEPHELOMETER DATA

SERIES # CTS= 8, TEST # 41
FOR DATA STARTING 2130 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

702	1640	1127	271	67	6	1	6
8	13	9	2	4	1	5	3

EXTINCTION COEFFICIENT = .136E-03 PER METER
VISIBILITY LIMIT, UPPER = 28682., LOWER = 21966. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 2.58 PER CC

DATA FOR CHANNELS 17 THRU 32

6	2	4	1	2	1	1	1
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .860E-05 PER METER
VISIBILITY LIMIT, UPPER = 454886., LOWER = 348374. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .145E-03 PER METER
VISIBILITY LIMIT, UPPER = 26981., LOWER = 20663. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = 2.59 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 42
FOR DATA STARTING 2:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

579	1467	1099	231	84	11	1	1
14	13	9	4	4	1	2	2

EXTINCTION COEFFICIENT = .125E-03 PER METER
VISIBILITY LIMIT, UPPER = 31225., LOWER = 23913. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 2.35 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	3	1	3	0	1	1
3	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .920E-05 PER METER
VISIBILITY LIMIT, UPPER = 425012., LOWER = 325495. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .134E-03 PER METER
VISIBILITY LIMIT, UPPER = 29088., LOWER = 22277. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 2.36 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 43
FOR DATA STARTING 2:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

508	1446	1007	233	62	9	5	10
4	16	14	3	6	3	0	4

EXTINCTION COEFFICIENT = .120E-03 PER METER
VISIBILITY LIMIT, UPPER = 32697., LOWER = 25041. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 2.22 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	5	5	0	1	2	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .881E-05 PER METER
VISIBILITY LIMIT, UPPER = 444086., LOWER = 340103. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .131E-03 PER METER
VISIBILITY LIMIT, UPPER = 29807., LOWER = 22827. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 2.23 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 44
FOR DATA STARTING 3: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

547	1594	1053	260	65	5	4	4
5	7	9	3	2	4	4	0

EXTINCTION COEFFICIENT = .126E-03 PER METER
VISIBILITY LIMIT, UPPER = 31101., LOWER = 23818. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 2.38 PER CC

DATA FOR CHANNELS 17 THRU 32

3	5	1	3	0	0	0	1
1	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .922E-05 PER METER
VISIBILITY LIMIT, UPPER = 424251., LOWER = 324912. METERS
LIQUID WATER CONTENT = .0000 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .135E-03 PER METER
VISIBILITY LIMIT, UPPER = 28976., LOWER = 22192. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = 2.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 45
FOR DATA STARTING 3:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

501	1561	1105	251	79	19	4	6
10	13	6	11	8	4	5	2

EXTINCTION COEFFICIENT = $.130E-03$ PER METER
VISIBILITY LIMIT, UPPER = 30078., LOWER = 23035. METERS
LIQUID WATER CONTENT = $.00027$ GM/M3
PARTICLE COUNT = 2.39 PER CC

DATA FOR CHANNELS 17 THRU 32

6	1	3	1	1	3	0	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.742E-05$ PER METER
VISIBILITY LIMIT, UPPER = 527539., LOWER = 404015. METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.140E-03$ PER METER
VISIBILITY LIMIT, UPPER = 27888., LOWER = 21358. METERS
LIQUID WATER CONTENT = $.00037$ GM/M3
PARTICLE COUNT = 2.40 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 46
FOR DATA STARTING 3:20 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

506	1863	1344	301	80	7	5	6
18	17	15	7	4	4	4	6

EXTINCTION COEFFICIENT = .152E-03 PER METER
VISIBILITY LIMIT, UPPER = 25703., LOWER = 19684. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = 2.79 PER CC

DATA FOR CHANNELS 17 THRU 32

4	4	2	2	1	3	0	0
0	2	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .964E-05 PER METER
VISIBILITY LIMIT, UPPER = 406011., LOWER = 310943. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .162E-03 PER METER
VISIBILITY LIMIT, UPPER = 24172., LOWER = 18512. METERS
LIQUID WATER CONTENT = .00039 GM/M3
PARTICLE COUNT = 2.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 47
FOR DATA STARTING 3:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

492	1749	1278	321	88	12	5	3
6	16	9	5	2	1	4	5

EXTINCTION COEFFICIENT = .144E-03 PER METER
VISIBILITY LIMIT, UPPER = 27215., LOWER = 20843. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = 2.66 PER CC

DATA FOR CHANNELS 17 THRU 32

4	2	1	1	7	0	1	0
0	0	0	0	1	0	0	1

EXTINCTION COEFFICIENT = .107E-04 PER METER
VISIBILITY LIMIT, UPPER = 365645., LOWER = 280029. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .154E-03 PER METER
VISIBILITY LIMIT, UPPER = 25330., LOWER = 19399. METERS
LIQUID WATER CONTENT = .00040 GM/M3
PARTICLE COUNT = 2.68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 48
FOR DATA STARTING 3140 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

550	1836	1362	301	80	12	6	5
8	8	10	7	3	5	0	1

EXTINCTION COEFFICIENT = .149E-03 PER METER
VISIBILITY LIMIT, UPPER = 26239., LOWER = 20095. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 2.80 PER CC

DATA FOR CHANNELS 17 THRU 32

1	2	4	1	1	0	0	0
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .541E-05 PER METER
VISIBILITY LIMIT, UPPER = 723764., LOWER = 554294. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .154E-03 PER METER
VISIBILITY LIMIT, UPPER = 25321., LOWER = 19392. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = 2.80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 49
FOR DATA STARTING 3:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

491	1819	1335	284	104	16	4	7
17	11	10	9	3	3	2	3

EXTINCTION COEFFICIENT = .149E-03 PER METER
VISIBILITY LIMIT, UPPER = 26341., LOWER = 20173. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 2.75 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	7	4	1	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .846E-05 PER METER
VISIBILITY LIMIT, UPPER = 462538., LOWER = 354234. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .157E-03 PER METER
VISIBILITY LIMIT, UPPER = 24922., LOWER = 19086. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 2.76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 50
FOR DATA STARTING 4: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

411	1926	1336	315	78	25	2	5
5	11	9	5	7	0	2	1

EXTINCTION COEFFICIENT = .148E-03 PER METER
VISIBILITY LIMIT, UPPER = 26447., LOWER = 20254. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 2.76 ER CC

DATA FOR CHANNELS 17 THRU 3

5	2	3	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .382E-05 PER METER
VISIBILITY LIMIT, UPPER = 1023118, LOWER = 783553. METERS
LIQUID WATER CONTENT = 00002 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .152E-03 PER METER
VISIBILITY LIMIT, UPPER = 25781., LOWER = 19744. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 2.77 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 51
FOR DATA STARTING 4:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

572	1940	1411	350	86	10	4	4
14	9	9	5	0	2	1	1

EXTINCTION COEFFICIENT = .156E-03 PER METER
VISIBILITY LIMIT, UPPER = 25011., LOWER = 19155. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = 2.95 PER CC

DATA FOR CHANNELS 17 THRU 32

6	5	2	4	2	0	1	0
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .966E-05 PER METER
VISIBILITY LIMIT, UPPER = 405035., LOWER = 310195. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .166E-03 PER METER
VISIBILITY LIMIT, UPPER = 23556., LOWER = 18041. METERS
LIQUID WATER CONTENT = .00038 GM/M3
PARTICLE COUNT = 2.96 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 52
FOR DATA STARTING 4120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

304	2432	1544	378	128	12	7	7
11	13	13	10	5	2	5	4

EXTINCTION COEFFICIENT = .177E-03 PER METER
VISIBILITY LIMIT, UPPER = 22072., LOWER = 16904. METERS
LIQUID WATER CONTENT = .00036 GM/M3
PARTICLE COUNT = 3.25 PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	6	6	3	0	1	1
1	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .123E-04 PER METER
VISIBILITY LIMIT, UPPER = 318356., LOWER = 243812. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .190E-03 PER METER
VISIBILITY LIMIT, UPPER = 20641., LOWER = 15808. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 3.27 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 53
FOR DATA STARTING 4:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

833	2910	2004	506	134	20	9	12
19	16	14	5	5	2	3	4

EXTINCTION COEFFICIENT = .231E-03 PER METER
VISIBILITY LIMIT, UPPER = 16904., LOWER = 12946. METERS
LIQUID WATER CONTENT = .00046 GM/M3
PARTICLE COUNT = 4.33 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	2	8	2	5	1	2
0	1	1	0	1	0	1	0

EXTINCTION COEFFICIENT = .176E-04 PER METER
VISIBILITY LIMIT, UPPER = 222893., LOWER = 170703. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .249E-03 PER METER
VISIBILITY LIMIT, UPPER = 15713., LOWER = 12033. METERS
LIQUID WATER CONTENT = .00062 GM/M3
PARTICLE COUNT = 4.35 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 54
FOR DATA STARTING 4:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

382	3307	2108	483	131	20	7	12
12	28	30	13	6	4	5	8

EXTINCTION COEFFICIENT = .240E-03 PER METER
VISIBILITY LIMIT, UPPER = 16319., LOWER = 12498. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 4.37 PER CC

DATA FOR CHANNELS 17 THRU 32

8	5	2	3	1	1	1	0
1	1	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .121E-04 PER METER
VISIBILITY LIMIT, UPPER = 324303., LOWER = 248367. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .252E-03 PER METER
VISIBILITY LIMIT, UPPER = 15537., LOWER = 11899. METERS
LIQUID WATER CONTENT = .00059 GM/M3
PARTICLE COUNT = 4.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 55
FOR DATA STARTING 4150 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

198	3437	2079	507	129	19	15	18
30	23	21	8	2	2	2	7

EXTINCTION COEFFICIENT = .237E-03 PER METER
VISIBILITY LIMIT, UPPER = 16504., LOWER = 12639. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = 4.33 PER CC

DATA FOR CHANNELS 17 THRU 32

8	2	5	7	5	2	0	1
0	1	2	0	0	1	0	0

EXTINCTION COEFFICIENT = .173E-04 PER METER
VISIBILITY LIMIT, UPPER = 225517., LOWER = 172712. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .254E-03 PER METER
VISIBILITY LIMIT, UPPER = 15378., LOWER = 11777. METERS
LIQUID WATER CONTENT = .00063 GM/M3
PARTICLE COUNT = 4.35 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 56
FOR DATA STARTING 5: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

210	3674	2258	612	140	13	12	17
18	30	21	14	5	9	6	1

EXTINCTION COEFFICIENT = .258E-03 PER METER
VISIBILITY LIMIT, UPPER = 15178., LOWER = 11624. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = 4.69 PER CC

DATA FOR CHANNELS 17 THRU 32

6	3	7	3	3	3	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .109E-04 PER METER
VISIBILITY LIMIT, UPPER = 357723., LOWER = 273961. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .269E-03 PER METER
VISIBILITY LIMIT, UPPER = 14560., LOWER = 11151. METERS
LIQUID WATER CONTENT = .00060 GM/M3
PARTICLE COUNT = 4.71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 57
FOR DATA STARTING 5:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

153	3038	1868	456	120	18	4	4
11	11	11	5	5	1	3	2

EXTINCTION COEFFICIENT = .205E-03 PER METER
VISIBILITY LIMIT, UPPER = 19052., LOWER = 14591. METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = 3.81 PER CC

DATA FOR CHANNELS 17 THRU 32

3	2	2	3	3	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .559E-05 PER METER
VISIBILITY LIMIT, UPPER = 700432., LOWER = 536425. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .211E-03 PER METER
VISIBILITY LIMIT, UPPER = 18548., LOWER = 14205. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = 3.82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 58
FOR DATA STARTING 5120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

208	3255	2077	479	145	23	10	10
23	28	26	11	5	6	3	1

EXTINCTION COEFFICIENT = .233E-03 PER METER
VISIBILITY LIMIT, UPPER = 16807., LOWER = 12871. METERS
LIQUID WATER CONTENT = .00047 GM/M3
PARTICLE COUNT = 4.25 PER CC

DATA FOR CHANNELS 17 THRU 32

4	4	2	2	2	1	0	0
0	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = .904E-05 PER METER
VISIBILITY LIMIT, UPPER = 432797., LOWER = 331457. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .242E-03 PER METER
VISIBILITY LIMIT, UPPER = 16178., LOWER = 12390. METERS
LIQUID WATER CONTENT = .00056 GM/M3
PARTICLE COUNT = 4.26 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 59
FOR DATA STARTING 5:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

258	3128	1929	517	116	9	7	14
14	27	28	13	3	3	4	5

EXTINCTION COEFFICIENT = .222E-03 PER METER
VISIBILITY LIMIT, UPPER = 17598., LOWER = 13478. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = 4.05 PER CC

DATA FOR CHANNELS 17 THRU 32

3	1	1	3	0	0	1	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .539E-05 PER METER
VISIBILITY LIMIT, UPPER = 725550., LOWER = 555661. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .228E-03 PER METER
VISIBILITY LIMIT, UPPER = 17182., LOWER = 13158. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = 4.06 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 60
FOR DATA STARTING 5:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

296	3078	2009	507	131	14	10	14
15	21	24	12	5	3	2	3

EXTINCTION COEFFICIENT = .224E-03 PER METER
VISIBILITY LIMIT, UPPER = 17479., LOWER = 13387. METERS
LIQUID WATER CONTENT = .00045 GM/M3
PARTICLE COUNT = 4.10 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	5	2	2	0	1	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .739E-05 PER METER
VISIBILITY LIMIT, UPPER = 529091., LOWER = 405203. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .231E-03 PER METER
VISIBILITY LIMIT, UPPER = 16920., LOWER = 12959. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = 4.11 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 61
FOR DATA STARTING 5:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

408	3206	2007	541	126	20	11	14
17	22	20	17	8	1	7	1

EXTINCTION COEFFICIENT = .234E-03 PER METER
VISIBILITY LIMIT, UPPER = 16734., LOWER = 12815. METERS
LIQUID WATER CONTENT = .00048 GM/M3
PARTICLE COUNT = 4.28 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	5	2	2	1	1	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .826E-05 PER METER
VISIBILITY LIMIT, UPPER = 473471., LOWER = 362607. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .242E-03 PER METER
VISIBILITY LIMIT, UPPER = 16162., LOWER = 12378. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = 4.30 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 62
FOR DATA STARTING 6: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

320	3578	2185	545	145	13	14	10
21	18	9	14	3	3	2	3

EXTINCTION COEFFICIENT = .248E-03 PER METER
VISIBILITY LIMIT, UPPER = 15785., LOWER = 12089. METERS
LIQUID WATER CONTENT = .00050 GM/M3
PARTICLE COUNT = 4.59 PER CC

DATA FOR CHANNELS 17 THRU 32

7	1	2	1	2	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .511E-05 PER METER
VISIBILITY LIMIT, UPPER = 765342., LOWER = 586136. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .253E-03 PER METER
VISIBILITY LIMIT, UPPER = 15466., LOWER = 11845. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = 4.60 PER CC

NEPHELOMETER DATA

SERIES # CTS= 8, TEST # 63
FOR DATA STARTING 6110 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

1260	6038	3772	1015	257	20	11	9
15	21	21	12	8	1	3	5

EXTINCTION COEFFICIENT = .441E-03 PER METER
VISIBILITY LIMIT, UPPER = 8878., LOWER = 6799. METERS
LIQUID WATER CONTENT = .00087 GM/M3
PARTICLE COUNT = 8.31 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	2	1	0	3	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .565E-05 PER METER
VISIBILITY LIMIT, UPPER = 692859., LOWER = 530625. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .446E-03 PER METER
VISIBILITY LIMIT, UPPER = 8766., LOWER = 6713. METERS
LIQUID WATER CONTENT = .00091 GM/M3
PARTICLE COUNT = 8.32 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 64
FOR DATA STARTING 6120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

4119	19174	14807	10832	3109	190	15	24
36	25	35	22	5	3	3	3

EXTINCTION COEFFICIENT = .194E-02 PER METER
VISIBILITY LIMIT, UPPER = 2021., LOWER = 1547. METERS
LIQUID WATER CONTENT = .00388 GM/M3
PARTICLE COUNT = 34.93 PER CC

DATA FOR CHANNELS 17 THRU 32

3	2	1	3	5	0	0	1
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .776E-05 PER METER
VISIBILITY LIMIT, UPPER = 504221., LOWER = 386157. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .194E-02 PER METER
VISIBILITY LIMIT, UPPER = 2012., LOWER = 1541. METERS
LIQUID WATER CONTENT = .00394 GM/M3
PARTICLE COUNT = 34.95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 8, TEST # 65
FOR DATA STARTING 0130 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

14986	32767	32767	32767	14726	322	23	39
53	80	76	43	23	7	1	0

EXTINCTION COEFFICIENT = .135E-01 PER METER
VISIBILITY LIMIT, UPPER = 290., LOWER = 222. METERS
LIQUID WATER CONTENT = .02698 GM/M3
PARTICLE COUNT = 242.37 PER CC

DATA FOR CHANNELS 17 THRU 32

0	2	4	5	1	1	1	0
0	1	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .103E-04 PER METER
VISIBILITY LIMIT, UPPER = 380167., LOWER = 291150. METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .135E-01 PER METER
VISIBILITY LIMIT, UPPER = 290., LOWER = 222. METERS
LIQUID WATER CONTENT = .02700 GM/M3
PARTICLE COUNT = 242.39 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 1
FOR DATA STARTING 19150 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

574	670	347	89	34	5	0	0
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .566E-04 PER METER
VISIBILITY LIMIT, UPPER = 69107., LOWER = 52926, METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.15 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .765E-06 PER METER
VISIBILITY LIMIT, UPPER = 5112018, LOWER = 3915032 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .574E-04 PER METER
VISIBILITY LIMIT, UPPER = 68105., LOWER = 52226, METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.15 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 2
FOR DATA STARTING 201 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

514	536	283	85	28	6	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .476E-04 PER METER
VISIBILITY LIMIT, UPPER = 82150., LOWER = 82920. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .97 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .476E-04 PER METER
VISIBILITY LIMIT, UPPER = 82150., LOWER = 82920. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .97 PER CC

NEPHELOMETER DATA

SERIES # CT8- 9, TEST # 3
FOR DATA STARTING 20110 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

412	587	273	69	36	3	0	1
0	1	2	0	0	0	1	3

EXTINCTION COEFFICIENT = .443E-04 PER METER
VISIBILITY LIMIT, UPPER = 88223., LOWER = 67565. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .87 PER CC

DATA FOR CHANNELS 17 THRU 32

2	1	0	0	0	0	0	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .298E-05 PER METER
VISIBILITY LIMIT, UPPER = 1314043, LOWER = 1006358 METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .473E-04 PER METER
VISIBILITY LIMIT, UPPER = 82673., LOWER = 63315. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .87 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 4
FOR DATA STARTING 20:20 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

365	365	213	59	23	10	1	2
2	4	2	3	3	2	0	1

EXTINCTION COEFFICIENT = $.367E-04$ PER METER
VISIBILITY LIMIT, UPPER = 106571., LOWER = 81617. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = $.70$ PER CC

DATA FOR CHANNELS 17 THRU 32

5	1	1	2	2	1	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.554E-05$ PER METER
VISIBILITY LIMIT, UPPER = 705900., LOWER = 540619. METERS
LIQUID WATER CONTENT = $.00004$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.430E-05$ PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.466E-04$ PER METER
VISIBILITY LIMIT, UPPER = 84034., LOWER = 64358. METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = $.71$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 5
FOR DATA STARTING 20130 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

339	431	223	62	19	6	0	2
2	1	2	0	2	2	1	0

EXTINCTION COEFFICIENT = .372E-04 PER METER
VISIBILITY LIMIT, UPPER =105120., LOWER = 80500. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .73 PER CC

DATA FOR CHANNELS 17 THRU 32

0	2	0	1	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .184E-05 PER METER
VISIBILITY LIMIT, UPPER =2124836, LOWER =1027303 METERS
LIQUID WATER CONTENT = .00001 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .391E-04 PER METER
VISIBILITY LIMIT, UPPER =100164., LOWER = 70711. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 8
FOR DATA STARTING 20:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

386	395	224	64	22	5	2	1
1	2	0	3	1	1	2	2

EXTINCTION COEFFICIENT = .382E-04 PER METER
VISIBILITY LIMIT, UPPER = 102465., LOWER = 78473. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .74 PER CC

DATA FOR CHANNELS 17 THRU 32

1	2	2	0	0	0	0	1
1	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .489E-05 PER METER
VISIBILITY LIMIT, UPPER = 799900., LOWER = 612602. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .474E-04 PER METER
VISIBILITY LIMIT, UPPER = 82580., LOWER = 63244. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 7
FOR DATA STARTING 21:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

364	362	203	49	19	5	1	3
4	1	0	3	1	0	1	2

EXTINCTION COEFFICIENT = .348E-04 PER METER
VISIBILITY LIMIT, UPPER = 112479., LOWER = 86142. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .68 PER CC

DATA FOR CHANNELS 17 THRU 32

4	2	1	0	0	0	0	0
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .420E-05 PER METER
VISIBILITY LIMIT, UPPER = 931840., LOWER = 713648. METERS
LIQUID WATER CONTENT = .00003 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .390E-04 PER METER
VISIBILITY LIMIT, UPPER = 100365., LOWER = 76864. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 8
FOR DATA STARTING 21120 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

370	360	194	43	17	5	1	2
3	1	2	3	1	0	1	4

EXTINCTION COEFFICIENT = .347E-04 PER METER
VISIBILITY LIMIT, UPPER = 112593., LOWER = 86229. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .67 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	0	0	3	2	1	0
0	0	0	0	0	0	0	1

EXTINCTION COEFFICIENT = .753E-05 PER METER
VISIBILITY LIMIT, UPPER = 519684., LOWER = 397999. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .423E-04 PER METER
VISIBILITY LIMIT, UPPER = 92543., LOWER = 70874. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .68 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 9
FOR DATA STARTING 21130 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

369	368	184	51	30	5	2	3
2	3	2	3	0	1	2	4

EXTINCTION COEFFICIENT = .361E-04 PER METER
VISIBILITY LIMIT, UPPER = 108410., LOWER = 83026. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .69 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	1	1	0	1	0	0
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .482E-05 PER METER
VISIBILITY LIMIT, UPPER = 810979., LOWER = 621087. METERS
LIQUID WATER CONTENT = .00004 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .409E-04 PER METER
VISIBILITY LIMIT, UPPER = 95627., LOWER = 73236. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 10
FOR DATA STARTING 21:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

277	375	178	63	27	3	1	4
1	1	2	1	2	1	4	4

EXTINCTION COEFFICIENT = .339E-04 PER METER
VISIBILITY LIMIT, UPPER = 115237., LOWER = 88254. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .63 PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	2	1	3	3	1	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .874E-05 PER METER
VISIBILITY LIMIT, UPPER = 447456., LOWER = 342684. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .427E-04 PER METER
VISIBILITY LIMIT, UPPER = 91637., LOWER = 70180. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .64 PER CC

NEPHELOMETER DATA

SERIES 4 CTS- 9, TEST # 11
FOR DATA STARTING 21:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

330	374	211	47	30	4	0	2
3	2	6	2	1	0	1	3

EXTINCTION COEFFICIENT = .356E-04 PER METER
VISIBILITY LIMIT, UPPER = 109881., LOWER = 84152. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .68 PER CC

DATA FOR CHANNELS 17 THRU 32

5	1	4	3	3	3	0	0
1	1	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .112E-04 PER METER
VISIBILITY LIMIT, UPPER = 349599., LOWER = 267740. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .500E-04 PER METER
VISIBILITY LIMIT, UPPER = 78211., LOWER = 59898. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .69 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 12
FOR DATA STARTING 22:20 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

377	426	230	47	20	8	1	2
4	7	1	4	2	2	2	4

EXTINCTION COEFFICIENT = $.404E-04$ PER METER
VISIBILITY LIMIT, UPPER = 96939., LOWER = 74241. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.76$ PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	5	2	5	0	2	1
1	2	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.115E-04$ PER METER
VISIBILITY LIMIT, UPPER = 341008., LOWER = 261160. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.518E-04$ PER METER
VISIBILITY LIMIT, UPPER = 75482., LOWER = 57808. METERS
LIQUID WATER CONTENT = $.00018$ GM/M3
PARTICLE COUNT = $.77$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 13
FOR DATA STARTING 22:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

403	447	234	52	24	2	0	0
6	4	4	1	0	2	2	6

EXTINCTION COEFFICIENT = $.417E-04$ PER METER
VISIBILITY LIMIT, UPPER = 93712., LOWER = 71770. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.79$ PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	2	2	2	0	0	1
1	0	1	2	0	0	0	0

EXTINCTION COEFFICIENT = $.959E-05$ PER METER
VISIBILITY LIMIT, UPPER = 407945., LOWER = 312424. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.323E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = $.00006$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.546E-04$ PER METER
VISIBILITY LIMIT, UPPER = 71700., LOWER = 54911. METERS
LIQUID WATER CONTENT = $.00023$ GM/M3
PARTICLE COUNT = $.80$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 14
FOR DATA STARTING 22:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

383	500	242	64	20	4	2	3
0	4	2	2	3	4	3	2

EXTINCTION COEFFICIENT = .434E-04 PER METER
VISIBILITY LIMIT, UPPER = 90065., LOWER = 68976. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .83 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	3	2	2	1	0	2
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .716E-05 PER METER
VISIBILITY LIMIT, UPPER = 546124., LOWER = 418248. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .506E-04 PER METER
VISIBILITY LIMIT, UPPER = 77314., LOWER = 59211. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .84 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 15
FOR DATA STARTING 22:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

364	468	266	63	17	4	1	3
4	3	1	4	5	1	4	6

EXTINCTION COEFFICIENT = .439E-04 PER METER
VISIBILITY LIMIT, UPPER = 89191., LOWER = 68307. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .81 PER CC

DATA FOR CHANNELS 17 THRU 32

3	6	2	1	0	1	0	1
0	0	0	0	1	0	1	0

EXTINCTION COEFFICIENT = .896E-05 PER METER
VISIBILITY LIMIT, UPPER = 436781., LOWER = 334500. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .528E-04 PER METER
VISIBILITY LIMIT, UPPER = 74067., LOWER = 56724. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .82 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 16
FOR DATA STARTING 23: 0 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

340	482	281	58	18	3	2	4
7	4	5	5	1	4	4	7

EXTINCTION COEFFICIENT = .453E-04 PER METER
VISIBILITY LIMIT, UPPER = 86446., LOWER = 66205. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .82 PER CC

DATA FOR CHANNELS 17 THRU 32

2	6	3	5	0	3	0	0
1	0	0	1	0	0	0	1

EXTINCTION COEFFICIENT = .122E-04 PER METER
VISIBILITY LIMIT, UPPER = 321950., LOWER = 246565. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .574E-04 PER METER
VISIBILITY LIMIT, UPPER = 68148., LOWER = 52191. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .83 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 17
FOR DATA STARTING 23:10 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

248	457	260	66	20	1	2	1
4	4	4	4	3	2	2	6

EXTINCTION COEFFICIENT = $.400E-04$ PER METER
VISIBILITY LIMIT, UPPER = 97892., LOWER = 74971. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.72$ PER CC

DATA FOR CHANNELS 17 THRU 32

5	8	2	1	1	0	0	1
1	1	1	1	0	0	1	0

EXTINCTION COEFFICIENT = $.130E-04$ PER METER
VISIBILITY LIMIT, UPPER = 301948., LOWER = 231246. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.529E-04$ PER METER
VISIBILITY LIMIT, UPPER = 73925., LOWER = 56616. METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = $.74$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 18
FOR DATA STARTING 23:20 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

203	555	259	67	30	2	0	0
6	4	4	4	2	1	2	0

EXTINCTION COEFFICIENT = .432E-04 PER METER
VISIBILITY LIMIT, UPPER = 90653., LOWER = 69426. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .77 PER CC

DATA FOR CHANNELS 17 THRU 32

5	3	1	2	0	3	2	0
0	0	0	1	1	1	0	0

EXTINCTION COEFFICIENT = .114E-04 PER METER
VISIBILITY LIMIT, UPPER = 343378., LOWER = 262976. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .573E-04 PER METER
VISIBILITY LIMIT, UPPER = 68224., LOWER = 52249. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .78 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 19
FOR DATA STARTING 23:30 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

210	618	292	72	33	2	1	2
1	6	4	4	1	1	4	3

EXTINCTION COEFFICIENT = .454E-04 PER METER
VISIBILITY LIMIT, UPPER = 86170., LOWER = 65993. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

3	1	4	3	2	3	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .754E-05 PER METER
VISIBILITY LIMIT, UPPER = 518679., LOWER = 397230. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .529E-04 PER METER
VISIBILITY LIMIT, UPPER = 73894., LOWER = 56592. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 20
FOR DATA STARTING 23:40 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

172	586	281	54	26	2	2	5
4	5	2	6	5	2	2	7

EXTINCTION COEFFICIENT = $.436E-04$ PER METER
VISIBILITY LIMIT, UPPER = 89673., LOWER = 68676. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.77$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	6	3	3	2	0	0	0
2	2	1	0	1	0	0	0

EXTINCTION COEFFICIENT = $.127E-04$ PER METER
VISIBILITY LIMIT, UPPER = 307162., LOWER = 235240. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.564E-04$ PER METER
VISIBILITY LIMIT, UPPER = 69410., LOWER = 53157. METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = $.79$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 21
FOR DATA STARTING 23:50 ON 24/ 4/74

DATA FOR CHANNELS 1 THRU 16

325	584	293	71	22	0	1	2
5	5	8	2	3	4	3	1

EXTINCTION COEFFICIENT = $.475E-04$ PER METER
VISIBILITY LIMIT, UPPER = 82420., LOWER = 63121. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.89$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	2	3	2	0	1	0
1	0	3	0	1	0	0	0

EXTINCTION COEFFICIENT = $.118E-04$ PER METER
VISIBILITY LIMIT, UPPER = 331170., LOWER = 253626. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.593E-04$ PER METER
VISIBILITY LIMIT, UPPER = 65995., LOWER = 50542. METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = $.90$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 22
FOR DATA STARTING 01 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

349	505	243	80	29	4	1	4
4	6	5	4	3	2	2	5

EXTINCTION COEFFICIENT = .452E-04 PER METER
VISIBILITY LIMIT, UPPER = 86612., LOWER = 66331. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .83 PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	6	3	9	2	1	2
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .147E-04 PER METER
VISIBILITY LIMIT, UPPER = 267020., LOWER = 204497. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .626E-04 PER METER
VISIBILITY LIMIT, UPPER = 62480., LOWER = 47850. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .85 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 23
FOR DATA STARTING 0310 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

426	526	285	65	22	4	0	3
5	4	4	3	3	3	3	6

EXTINCTION COEFFICIENT = $.487E-04$ PER METER
VISIBILITY LIMIT, UPPER = 80345., LOWER = 61532. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.91$ PER CC

DATA FOR CHANNELS 17 THRU 32

2	1	3	2	3	0	1	0
0	0	2	0	1	0	0	2

EXTINCTION COEFFICIENT = $.138E-04$ PER METER
VISIBILITY LIMIT, UPPER = 283859., LOWER = 217393. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.625E-04$ PER METER
VISIBILITY LIMIT, UPPER = 62621., LOWER = 47958. METERS
LIQUID WATER CONTENT = $.00026$ GM/M3
PARTICLE COUNT = $.92$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 24
FOR DATA STARTING 0:20 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

440	546	276	62	25	5	2	2
5	10	4	7	3	2	2	5

EXTINCTION COEFFICIENT = .500E-04 PER METER
VISIBILITY LIMIT, UPPER = 78164., LOWER = 59862. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .93 PER CC

DATA FOR CHANNELS 17 THRU 32

5	7	5	3	0	2	0	0
0	0	0	1	1	0	1	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER = 301241., LOWER = 230705. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .630E-04 PER METER
VISIBILITY LIMIT, UPPER = 62061., LOWER = 47529. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = .95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 25
FOR DATA STARTING 0:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

463	494	280	78	27	2	2	3
2	3	4	9	1	3	3	3

EXTINCTION COEFFICIENT = .487E-04 PER METER
VISIBILITY LIMIT, UPPER = 80263., LOWER = 61469. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .92 PER CC

DATA FOR CHANNELS 17 THRU 32

8	7	4	5	0	0	1	1
1	0	1	0	0	0	1	0

EXTINCTION COEFFICIENT = .137E-04 PER METER
VISIBILITY LIMIT, UPPER = 285071., LOWER = 218321. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .668E-04 PER METER
VISIBILITY LIMIT, UPPER = 58593., LOWER = 44874. METERS
LIQUID WATER CONTENT = .00031 GM/M3
PARTICLE COUNT = .94 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 26
FOR DATA STARTING 0:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

455	502	312	61	24	5	1	4
2	5	7	8	4	0	5	5

EXTINCTION COEFFICIENT = .505E-04 PER METER
VISIBILITY LIMIT, UPPER = 77433., LOWER = 59302. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .93 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	3	3	5	3	1	1
2	0	0	1	1	0	1	0

EXTINCTION COEFFICIENT = .164E-04 PER METER
VISIBILITY LIMIT, UPPER = 239038., LOWER = 183067. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .669E-04 PER METER
VISIBILITY LIMIT, UPPER = 58487., LOWER = 44792. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 27
FOR DATA STARTING 0:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

421	550	301	68	20	0	2	2
4	7	9	6	4	8	4	2

EXTINCTION COEFFICIENT = $.513E-04$ PER METER
VISIBILITY LIMIT, UPPER = 76258., LOWER = 58402. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = $.94$ PER CC

DATA FOR CHANNELS 17 THRU 32

4	4	5	3	1	1	2	0
1	0	2	0	0	0	0	1

EXTINCTION COEFFICIENT = $.136E-04$ PER METER
VISIBILITY LIMIT, UPPER = 287231., LOWER = 219975. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	1	0	0	0
0	0	0	3	0	0	0	0

EXTINCTION COEFFICIENT = $.927E-05$ PER METER
VISIBILITY LIMIT, UPPER = 421957., LOWER = 323155. METERS
LIQUID WATER CONTENT = $.00021$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.742E-04$ PER METER
VISIBILITY LIMIT, UPPER = 52729., LOWER = 40383. METERS
LIQUID WATER CONTENT = $.00044$ GM/M3
PARTICLE COUNT = $.96$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 28
FOR DATA STARTING 1: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

467	645	330	89	29	3	3	2
2	3	1	2	2	3	2	3

EXTINCTION COEFFICIENT = .549E-04 PER METER
VISIBILITY LIMIT, UPPER = 71320., LOWER = 54620. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.06 PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	9	2	3	1	2	1
1	0	0	1	0	0	0	1

EXTINCTION COEFFICIENT = .151E-04 PER METER
VISIBILITY LIMIT, UPPER = 259464., LOWER = 198710. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .699E-04 PER METER
VISIBILITY LIMIT, UPPER = 55943., LOWER = 42844. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = 1.08 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 29
FOR DATA STARTING 1:10 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

422	547	301	79	31	1	1	1
4	5	2	6	2	2	2	6

EXTINCTION COEFFICIENT = $.503E-04$ PER METER
VISIBILITY LIMIT, UPPER = 77802., LOWER = 59584. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = $.94$ PER CC

DATA FOR CHANNELS 17 THRU 32

6	3	1	1	3	2	2	1
0	2	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.102E-04$ PER METER
VISIBILITY LIMIT, UPPER = 382842., LOWER = 293199. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.605E-04$ PER METER
VISIBILITY LIMIT, UPPER = 64661., LOWER = 49521. METERS
LIQUID WATER CONTENT = $.00018$ GM/M3
PARTICLE COUNT = $.96$ PER CC

NEPHELOMETER DATA

SERIES # CTS= 9, TEST # 30
FOR DATA STARTING 1:20 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

426	545	296	75	27	5	1	2
3	4	3	6	1	2	2	4

EXTINCTION COEFFICIENT = .494E-04 PER METER
VISIBILITY LIMIT, UPPER = 79246., LOWER = 60692. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .93 PER CC

DATA FOR CHANNELS 17 THRU 32

8	7	5	2	1	2	0	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .100E-04 PER METER
VISIBILITY LIMIT, UPPER = 389556., LOWER = 298341. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .594E-04 PER METER
VISIBILITY LIMIT, UPPER = 65852., LOWER = 50433. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .95 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 31
FOR DATA STARTING 1:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

431	479	273	56	25	6	1	2
0	3	2	5	0	5	2	2

EXTINCTION COEFFICIENT = .449E-04 PER METER
VISIBILITY LIMIT, UPPER = 87054., LOWER = 66670. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .86 PER CC

DATA FOR CHANNELS 17 THRU 32

3	5	0	3	1	1	1	1
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .713E-05 PER METER
VISIBILITY LIMIT, UPPER = 549001., LOWER = 420452. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .521E-04 PER METER
VISIBILITY LIMIT, UPPER = 75139., LOWER = 57545. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .87 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 32
FOR DATA STARTING 1140 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

436	471	248	68	26	3	2	0
1	4	3	1	4	3	3	3

EXTINCTION COEFFICIENT = .447E-04 PER METER
VISIBILITY LIMIT, UPPER = 87564., LOWER = 67061. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .85 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	3	1	1	0	1	0
1	1	2	0	1	0	0	0

EXTINCTION COEFFICIENT = .101E-04 PER METER
VISIBILITY LIMIT, UPPER = 388577., LOWER = 297591. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .547E-04 PER METER
VISIBILITY LIMIT, UPPER = 71461., LOWER = 54728. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 33
FOR DATA STARTING 1150 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

463	412	278	64	19	4	3	0
7	7	5	3	6	1	3	1

EXTINCTION COEFFICIENT = .451E-04 PER METER
VISIBILITY LIMIT, UPPER = 86818., LOWER = 66490. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .85 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	2	2	1	4	0	0
1	0	0	0	0	1	2	0

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER = 298758., LOWER = 228804. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .609E-04 PER METER
VISIBILITY LIMIT, UPPER = 64186., LOWER = 49157. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 34
FOR DATA STARTING 2: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

337	442	230	65	18	7	1	3
1	4	5	2	2	3	1	4

EXTINCTION COEFFICIENT = .400E-04 PER METER
VISIBILITY LIMIT, UPPER = 97683., LOWER = 74811. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .75 PER CC

DATA FOR CHANNELS 17 THRU 32

2	4	2	2	2	1	1	0
0	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .686E-05 PER METER
VISIBILITY LIMIT, UPPER = 569858., LOWER = 436425. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .469E-04 PER METER
VISIBILITY LIMIT, UPPER = 83389., LOWER = 63863. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .76 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 35
FOR DATA STARTING 2110 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

300	418	228	70	17	5	1	1
4	5	7	1	3	0	0	3

EXTINCTION COEFFICIENT = .389E-04 PER METER
VISIBILITY LIMIT, UPPER = 100444., LOWER = 76925. METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .71 PER CC

DATA FOR CHANNELS 17 THRU 32

5	3	6	3	1	0	0	0
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .741E-05 PER METER
VISIBILITY LIMIT, UPPER = 527921., LOWER = 404308. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .464E-04 PER METER
VISIBILITY LIMIT, UPPER = 84388., LOWER = 64628. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .73 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 36
FOR DATA STARTING 2:20 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

264	418	228	54	17	2	2	2
6	8	7	2	0	3	3	7

EXTINCTION COEFFICIENT = .383E-04 PER METER
VISIBILITY LIMIT, UPPER = 102264., LOWER = 78318. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .68 PER CC

DATA FOR CHANNELS 17 THRU 32

4	5	3	1	2	1	1	2
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .995E-05 PER METER
VISIBILITY LIMIT, UPPER = 393357., LOWER = 301252. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .482E-04 PER METER
VISIBILITY LIMIT, UPPER = 81163., LOWER = 62159. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 37
FOR DATA STARTING 2:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

258	466	208	58	16	5	2	2
3	0	3	4	3	0	2	2

EXTINCTION COEFFICIENT = $.364E-04$ PER METER
VISIBILITY LIMIT, UPPER = 107439., LOWER = 82282. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = $.69$ PER CC

DATA FOR CHANNELS 17 THRU 32

2	1	3	3	3	0	1	0
0	0	1	2	0	0	0	0

EXTINCTION COEFFICIENT = $.934E-05$ PER METER
VISIBILITY LIMIT, UPPER = 418650., LOWER = 320623. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.458E-04$ PER METER
VISIBILITY LIMIT, UPPER = 85498., LOWER = 65478. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = $.70$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 38
FOR DATA STARTING 2:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

275	379	200	61	21	5	0	1
4	10	7	6	1	5	0	1

EXTINCTION COEFFICIENT = $.357E-04$ PER METER
VISIBILITY LIMIT, UPPER = 109478., LOWER = 83844. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.65$ PER CC

DATA FOR CHANNELS 17 THRU 32

2	0	2	0	2	4	0	1
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.726E-05$ PER METER
VISIBILITY LIMIT, UPPER = 538608., LOWER = 412492. METERS
LIQUID WATER CONTENT = $.00006$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.430E-04$ PER METER
VISIBILITY LIMIT, UPPER = 90984., LOWER = 69680. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = $.66$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 39
FOR DATA STARTING 2:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

384	405	216	49	20	3	0	0
0	4	2	5	3	3	0	2

EXTINCTION COEFFICIENT = $.380E-04$ PER METER
VISIBILITY LIMIT, UPPER = 103055., LOWER = 78924. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.73$ PER CC

DATA FOR CHANNELS 17 THRU 32

5	9	1	2	1	4	0	1
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = $.113E-04$ PER METER
VISIBILITY LIMIT, UPPER = 345047., LOWER = 264254. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.493E-04$ PER METER
VISIRILITY LIMIT, UPPER = 79354., LOWER = 60773. METERS
LIQUID WATER CONTENT = $.00016$ GM/M3
PARTICLE COUNT = $.75$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 40
FOR DATA STARTING 3: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

380	363	199	47	28	1	1	5
4	1	0	2	2	2	3	1

EXTINCTION COEFFICIENT = .360E-04 PER METER
VISIBILITY LIMIT, UPPER = 108799., LOWER = 83324. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .69 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	3	5	1	0	1	0
2	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .990E-05 PER METER
VISIBILITY LIMIT, UPPER = 395247., LOWER = 302699. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .459E-04 PER METER
VISIBILITY LIMIT, UPPER = 85315., LOWER = 65338. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .71 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 41
FOR DATA STARTING 3120 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

340	417	220	59	16	4	1	2
9	5	5	6	4	2	5	4

EXTINCTION COEFFICIENT = .407E-04 PER METER
VISIBILITY LIMIT, UPPER = 96188., LOWER = 73666. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .73 PER CC

DATA FOR CHANNELS 17 THRU 32

1	11	3	5	1	3	1	1
0	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .137E-04 PER METER
VISIBILITY LIMIT, UPPER = 266005., LOWER = 219037. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .543E-04 PER METER
VISIBILITY LIMIT, UPPER = 71980., LOWER = 55126. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 42
FOR DATA STARTING 3:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

282	433	200	66	15	2	0	2
5	3	4	4	3	5	1	5

EXTINCTION COEFFICIENT = .377E-04 PER METER
VISIBILITY LIMIT, UPPER = 103674., LOWER = 79399. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .69 PER CC

DATA FOR CHANNELS 17 THRU 32

9	1	2	3	2	3	0	0
1	0	2	0	0	0	0	0

EXTINCTION COEFFICIENT = .108E-04 PER METER
VISIBILITY LIMIT, UPPER = 361201., LOWER = 276626. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .486E-04 PER METER
VISIBILITY LIMIT, UPPER = 80553., LOWER = 61692. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .70 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 43
FOR DATA STARTING 3:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

275	627	256	49	23	3	1	3
3	3	4	6	6	2	4	2

EXTINCTION COEFFICIENT = .457E-04 PER METER
VISIBILITY LIMIT, UPPER = 85641., LOWER = 65588. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

2	7	1	3	0	0	4	4
1	2	0	0	1	1	0	0

EXTINCTION COEFFICIENT = .165E-04 PER METER
VISIBILITY LIMIT, UPPER = 237031., LOWER = 181530. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .622E-04 PER METER
VISIBILITY LIMIT, UPPER = 62911., LOWER = 48180. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 44
FOR DATA STARTING 3:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

163	493	210	41	17	4	2	3
4	6	3	4	4	6	4	5

EXTINCTION COEFFICIENT = .371E-04 PER METER
VISIBILITY LIMIT, UPPER = 105356., LOWER = 80687. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .65 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	3	3	2	1	0	1
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .833E-05 PER METER
VISIBILITY LIMIT, UPPER = 469548., LOWER = 359602. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .487E-04 PER METER
VISIBILITY LIMIT, UPPER = 80347., LOWER = 61533. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .66 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 45
FOR DATA STARTING 4: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

254	556	245	58	18	3	2	1
1	4	4	1	2	1	5	4

EXTINCTION COEFFICIENT = $.416E-04$ PER METER
VISIBILITY LIMIT, UPPER = 94106., LOWER = 72071. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.77$ PER CC

DATA FOR CHANNELS 17 THRU 32

5	2	3	1	0	0	0	0
2	0	2	0	0	0	1	0

EXTINCTION COEFFICIENT = $.981E-05$ PER METER
VISIBILITY LIMIT, UPPER = 398744., LOWER = 305378. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.514E-04$ PER METER
VISIBILITY LIMIT, UPPER = 76137., LOWER = 58309. METERS
LIQUID WATER CONTENT = $.00018$ GM/M3
PARTICLE COUNT = $.78$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 46
FOR DATA STARTING 4110 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

397	478	237	64	19	3	0	1
2	6	5	5	1	3	3	5

EXTINCTION COEFFICIENT = .439E-04 PER METER
VISIBILITY LIMIT, UPPER = 89090., LOWER = 68230. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 17 THRU 32

9	4	2	3	3	1	1	1
0	0	0	0	1	1	0	1

EXTINCTION COEFFICIENT = .151E-04 PER METER
VISIBILITY LIMIT, UPPER = 258371., LOWER = 197873. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .591E-04 PER METER
VISIBILITY LIMIT, UPPER = 66247., LOWER = 50735. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .04 PER CC

NEPHELOMETER DATA

SERIES # CT8- 9, TEST # 47
FOR DATA STARTING 4130 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

432	453	251	78	21	3	0	4
3	5	5	2	2	3	5	6

EXTINCTION COEFFICIENT = .459E-04 PER METER
VISIBILITY LIMIT, UPPER = 85170., LOWER = 65227. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .85 PER CC

DATA FOR CHANNELS 17 THRU 32

3	1	7	3	0	3	1	2
0	0	0	0	0	1	1	0

EXTINCTION COEFFICIENT = .129E-04 PER METER
VISIBILITY LIMIT, UPPER = 303590., LOWER = 232504. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .620E-04 PER METER
VISIBILITY LIMIT, UPPER = 63052., LOWER = 48288. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 48
FOR DATA STARTING 4:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

424	412	230	45	15	2	1	5
5	4	4	4	1	3	4	2

EXTINCTION COEFFICIENT = $.409E-04$ PER METER
VISIBILITY LIMIT, UPPER = 95735., LOWER = 73318. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.77$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	2	3	4	1	2	0
1	0	0	0	0	0	1	1

EXTINCTION COEFFICIENT = $.131E-04$ PER METER
VISIBILITY LIMIT, UPPER = 297968., LOWER = 228198. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.540E-04$ PER METER
VISIBILITY LIMIT, UPPER = 72456., LOWER = 55490. METERS
LIQUID WATER CONTENT = $.00022$ GM/M3
PARTICLE COUNT = $.79$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 49
FOR DATA STARTING 4:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

394	423	244	49	12	3	0	2
8	7	5	2	6	4	3	6

EXTINCTION COEFFICIENT = .428E-04 PER METER
VISIBILITY LIMIT, UPPER = 91341., LOWER = 69953. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .78 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	1	1	2	3	1	0
0	0	1	2	0	0	0	0

EXTINCTION COEFFICIENT = .120E-04 PER METER
VISIBILITY LIMIT, UPPER = 325533., LOWER = 249309. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .548E-04 PER METER
VISIBILITY LIMIT, UPPER = 71327., LOWER = 54626. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .79 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 50
FOR DATA STARTING 5: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

435	414	237	64	22	4	1	0
1	2	8	3	2	1	0	2

EXTINCTION COEFFICIENT = .411E-04 PER METER
VISIBILITY LIMIT, UPPER = 95119., LOWER = 72847. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .80 PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	3	4	3	0	1	1
2	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .102E-04 PER METER
VISIBILITY LIMIT, UPPER = 383002., LOWER = 293322. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .556E-04 PER METER
VISIBILITY LIMIT, UPPER = 70304., LOWER = 53842. METERS
LIQUID WATER CONTENT = .00025 GM/M3
PARTICLE COUNT = .81 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 51
FOR DATA STARTING 5:10 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

382	416	211	42	21	2	0	3
1	3	3	1	1	1	2	3

EXTINCTION COEFFICIENT = .375E-04 PER METER
VISIBILITY LIMIT, UPPER = 104216., LOWER = 79814. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .73 PER CC

DATA FOR CHANNELS 17 THRU 32

0	6	6	5	2	2	2	1
1	2	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .148E-04 PER METER
VISIBILITY LIMIT, UPPER = 263577., LOWER = 201860. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .524E-04 PER METER
VISIBILITY LIMIT, UPPER = 74686., LOWER = 57198. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .75 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 52
FOR DATA STARTING 5120 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

383	438	238	50	23	2	4	1
3	9	2	8	2	2	6	1

EXTINCTION COEFFICIENT = .422E-04 PER METER
VISIBILITY LIMIT, UPPER = 92801., LOWER = 71071. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .78 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	5	4	3	2	0	1
0	0	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .147E-04 PER METER
VISIBILITY LIMIT, UPPER = 266680., LOWER = 204236. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .568E-04 PER METER
VISIBILITY LIMIT, UPPER = 68844., LOWER = 52724. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .80 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 53
FOR DATA STARTING 5:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

406	482	244	58	19	5	4	3
6	6	7	9	1	4	6	5

EXTINCTION COEFFICIENT = .468E-04 PER METER
VISIBILITY LIMIT, UPPER = 83642., LOWER = 64057. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

5	6	5	3	5	1	3	1
1	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .153E-04 PER METER
VISIBILITY LIMIT, UPPER = 256031., LOWER = 196081. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .621E-04 PER METER
VISIBILITY LIMIT, UPPER = 63046., LOWER = 48283. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 54
FOR DATA STARTING 5:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

400	492	244	77	19	1	3	1
3	3	5	5	3	4	1	5

EXTINCTION COEFFICIENT = .452E-04 PER METER
VISIBILITY LIMIT, UPPER = 86530., LOWER = 66269. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

5	6	0	3	1	3	0	2
0	0	0	1	1	2	0	0

EXTINCTION COEFFICIENT = .149E-04 PER METER
VISIBILITY LIMIT, UPPER = 261931., LOWER = 200600. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .883E-05 PER METER
VISIBILITY LIMIT, UPPER = 442792., LOWER = 339112. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .690E-04 PER METER
VISIBILITY LIMIT, UPPER = 56712., LOWER = 43433. METERS
LIQUID WATER CONTENT = .00051 GM/M3
PARTICLE COUNT = .86 PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 55
FOR DATA STARTING 5:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

373	462	295	69	21	6	0	5
9	7	4	7	4	3	5	3

EXTINCTION COEFFICIENT = $.470E-04$ PER METER
VISIBILITY LIMIT, UPPER = 83305., LOWER = 63799. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.85$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	3	5	5	1	1	0
1	0	1	1	1	0	0	0

EXTINCTION COEFFICIENT = $.141E-04$ PER METER
VISIBILITY LIMIT, UPPER = 277156., LOWER = 212259. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.611E-04$ PER METER
VISIBILITY LIMIT, UPPER = 64053., LOWER = 49055. METERS
LIQUID WATER CONTENT = $.00022$ GM/M3
PARTICLE COUNT = $.87$ PER CC

NEPHELOMETER DATA

SERIES # CTS- 9, TEST # 56
FOR DATA STARTING 6: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

545	607	369	84	21	4	1	6
4	4	9	4	5	2	3	4

EXTINCTION COEFFICIENT = .591E-04 PER METER
VISIBILITY LIMIT, UPPER = 66179., LOWER = 50683. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.11 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	8	5	5	2	1	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .133E-04 PER METER
VISIBILITY LIMIT, UPPER = 294127., LOWER = 225257. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .724E-04 PER METER
VISIBILITY LIMIT, UPPER = 54023., LOWER = 41374. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.13 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 1
FOR DATA STARTING 19:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

512	743	429	120	39	7	2	2
1	2	3	1	1	0	2	0

EXTINCTION COEFFICIENT = .634E-04 PER METER
VISIBILITY LIMIT, UPPER = 61665., LOWER = 47226. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.24 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	1	0	0	1	0	2
1	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .698E-05 PER METER
VISIBILITY LIMIT, UPPER = 560302., LOWER = 429106. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .704E-04 PER METER
VISIBILITY LIMIT, UPPER = 55551., LOWER = 42544. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = 1.25 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 2
FOR DATA STARTING 201 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

482	500	322	83	26	2	0	1
1	0	3	0	4	1	2	3

EXTINCTION COEFFICIENT = .491E-04 PER METER
VISIBILITY LIMIT, UPPER = 79720., LOWER = 61054. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .95 PER CC

DATA FOR CHANNELS 17 THRU 32

3	2	2	1	0	0	0	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .476E-05 PER METER
VISIBILITY LIMIT, UPPER = 822711., LOWER = 630072. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .538E-04 PER METER
VISIBILITY LIMIT, UPPER = 72678., LOWER = 55660. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .96 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 3
FOR DATA STARTING 20110 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

434	496	301	66	25	1	0	1
1	3	2	2	1	1	1	0

EXTINCTION COEFFICIENT = .450E-04 PER METER
VISIBILITY LIMIT, UPPER = 86871., LOWER = 66530. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .89 PER CC

DATA FOR CHANNELS 17 THRU 32

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-06 PER METER
VISIBILITY LIMIT, UPPER = \$\$\$\$\$\$, LOWER = 9283190 METERS
LIQUID WATER CONTENT = .00000 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .454E-04 PER METER
VISIBILITY LIMIT, UPPER = 86253., LOWER = 66056. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .89 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 4
FOR DATA STARTING 20120 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

400	497	267	61	33	0	0	0
0	1	2	0	0	0	1	1

EXTINCTION COEFFICIENT = .422E-04 PER METER
VISIBILITY LIMIT, UPPER = 92627., LOWER = 70938. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

0	0	1	0	1	1	0	0
0	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .444E-05 PER METER
VISIBILITY LIMIT, UPPER = 881785., LOWER = 675313. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .467E-04 PER METER
VISIBILITY LIMIT, UPPER = 83822., LOWER = 64195. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .85 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 5
FOR DATA STARTING 20130 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

436	476	260	112	46	23	31	23
38	30	28	25	23	25	20	25

EXTINCTION COEFFICIENT = .810E-04 PER METER
VISIBILITY LIMIT, UPPER = 48292., LOWER = 36984. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.08 PER CC

DATA FOR CHANNELS 17 THRU 32

15	20	11	9	20	7	14	3
6	8	8	12	2	2	5	1

EXTINCTION COEFFICIENT = .103E-03 PER METER
VISIBILITY LIMIT, UPPER = 37966., LOWER = 29076. METERS
LIQUID WATER CONTENT = .00104 GM/M3
PARTICLE COUNT = .10 PER CC

DATA FOR CHANNELS 33 THRU 48

3	1	4	1	2	0	1	1
2	1	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .965E-04 PER METER
VISIBILITY LIMIT, UPPER = 40537., LOWER = 31045. METERS
LIQUID WATER CONTENT = .00261 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .281E-03 PER METER
VISIBILITY LIMIT, UPPER = 13944., LOWER = 10679. METERS
LIQUID WATER CONTENT = .00387 GM/M3
PARTICLE COUNT = 1.19 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 6
FOR DATA STARTING 20140 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

495	519	276	115	77	56	58	20
27	31	30	26	24	23	24	17

EXTINCTION COEFFICIENT = $.887E-04$ PER METER
VISIBILITY LIMIT, UPPER = 44127., LOWER = 33795. METERS
LIQUID WATER CONTENT = $.00024$ GM/M3
PARTICLE COUNT = 1.22 PER CC

DATA FOR CHANNELS 17 THRU 32

30	20	24	16	16	13	9	12
12	12	9	7	7	12	5	8

EXTINCTION COEFFICIENT = $.167E-03$ PER METER
VISIBILITY LIMIT, UPPER = 23451., LOWER = 17960. METERS
LIQUID WATER CONTENT = $.00181$ GM/M3
PARTICLE COUNT = .14 PER CC

DATA FOR CHANNELS 33 THRU 48

6	12	6	7	11	5	9	3
2	8	3	2	4	4	3	3

EXTINCTION COEFFICIENT = $.707E-03$ PER METER
VISIBILITY LIMIT, UPPER = 5537., LOWER = 4240. METERS
LIQUID WATER CONTENT = $.02419$ GM/M3
PARTICLE COUNT = .06 PER CC

DATA FOR CHANNELS 49 THRU 64

1	4	2	4	1	2	0	1
5	1	0	0	0	1	0	0

EXTINCTION COEFFICIENT = $.137E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2857., LOWER = 2188. METERS
LIQUID WATER CONTENT = $.12335$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.233E-02$ PER METER
VISIBILITY LIMIT, UPPER = 1678., LOWER = 1285. METERS
LIQUID WATER CONTENT = $.14959$ GM/M3
PARTICLE COUNT = 1.43 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 7
FOR DATA STARTING 20150 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

482	493	283	98	48	28	31	18
20	24	30	23	14	17	23	16

EXTINCTION COEFFICIENT = $.764E-04$ PER METER
VISIBILITY LIMIT, UPPER = 51174., LOWER = 39192. METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = 1.10 PER CC

DATA FOR CHANNELS 17 THRU 32

10	15	6	12	10	15	11	5
5	6	6	10	7	12	5	2

EXTINCTION COEFFICIENT = $.119E-03$ PER METER
VISIBILITY LIMIT, UPPER = 32863., LOWER = 25168. METERS
LIQUID WATER CONTENT = $.00132$ GM/M3
PARTICLE COUNT = .09 PER CC

DATA FOR CHANNELS 33 THRU 48

5	3	3	1	3	2	4	4
3	3	2	3	2	4	1	4

EXTINCTION COEFFICIENT = $.466E-03$ PER METER
VISIBILITY LIMIT, UPPER = 8398., LOWER = 6432. METERS
LIQUID WATER CONTENT = $.01749$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 49 THRU 64

1	0	1	2	0	0	2	0
1	2	2	0	0	0	0	0

EXTINCTION COEFFICIENT = $.812E-03$ PER METER
VISIBILITY LIMIT, UPPER = 4820., LOWER = 3692. METERS
LIQUID WATER CONTENT = $.07689$ GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.147E-02$ PER METER
VISIBILITY LIMIT, UPPER = 2656., LOWER = 2034. METERS
LIQUID WATER CONTENT = $.09590$ GM/M3
PARTICLE COUNT = 1.23 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 8
FOR DATA STARTING 211 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

387	396	261	76	35	18	7	7
8	8	17	4	10	9	6	7

EXTINCTION COEFFICIENT = .505E-04 PER METER
VISIBILITY LIMIT, UPPER = 77482., LOWER = 59340. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .84 PER CC

DATA FOR CHANNELS 17 THRU 32

3	11	6	3	10	3	4	3
6	1	2	2	4	2	2	2

EXTINCTION COEFFICIENT = .499E-04 PER METER
VISIBILITY LIMIT, UPPER = 78398., LOWER = 60041. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = .04 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	2	2	3	1	0	1
4	0	1	2	2	1	0	1

EXTINCTION COEFFICIENT = .198E-03 PER METER
VISIBILITY LIMIT, UPPER = 19712., LOWER = 15097. METERS
LIQUID WATER CONTENT = .00698 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 49 THRU 64

2	0	0	1	1	0	1	1
2	2	4	1	0	0	0	0

EXTINCTION COEFFICIENT = .128E-02 PER METER
VISIBILITY LIMIT, UPPER = 3058., LOWER = 2342. METERS
LIQUID WATER CONTENT = .12933 GM/M3
PARTICLE COUNT = .01 PER CC

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .158E-02 PER METER
VISIBILITY LIMIT, UPPER = 2479., LOWER = 1899. METERS
LIQUID WATER CONTENT = .13696 GM/M3
PARTICLE COUNT = .90 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 9
FOR DATA STARTING 21:10 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

404	346	226	64	46	19	20	10
12	15	8	13	12	8	9	6

EXTINCTION COEFFICIENT = .511E-04 PER METER
VISIBILITY LIMIT, UPPER = 76569., LOWER = 58640. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .81 PER CC

DATA FOR CHANNELS 17 THRU 32

3	7	4	1	8	3	0	1
2	1	1	1	3	0	1	3

EXTINCTION COEFFICIENT = .309E-04 PER METER
VISIBILITY LIMIT, UPPER = 126697., LOWER = 97031. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

4	0	0	1	1	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .262E-04 PER METER
VISIBILITY LIMIT, UPPER = 149398., LOWER = 114416. METERS
LIQUID WATER CONTENT = .00054 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .108E-03 PER METER
VISIBILITY LIMIT, UPPER = 36171., LOWER = 27701. METERS
LIQUID WATER CONTENT = .00101 GM/M3
PARTICLE COUNT = .84 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 10
FOR DATA STARTING 21:20 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

419	354	233	53	20	2	1	1
3	2	2	5	0	0	0	1

EXTINCTION COEFFICIENT = .370E-04 PER METER
VISIBILITY LIMIT, UPPER = 105768., LOWER = 81002. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .73 PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	1	1	1	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .311E-05 PER METER
VISIBILITY LIMIT, UPPER = 1259235, LOWER = 964383. METERS
LIQUID WATER CONTENT = .00002 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .401E-04 PER METER
VISIBILITY LIMIT, UPPER = 97572., LOWER = 74726. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .74 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 11
FOR DATA STARTING 21:30 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

397	306	214	47	19	6	0	1
5	5	5	3	1	2	3	4

EXTINCTION COEFFICIENT = $.364E-04$ PER METER
VISIBILITY LIMIT, UPPER = 107447., LOWER = 82288. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.68$ PER CC

DATA FOR CHANNELS 17 THRU 32

7	3	0	1	1	1	0	0
0	1	0	1	1	0	0	0

EXTINCTION COEFFICIENT = $.838E-05$ PER METER
VISIBILITY LIMIT, UPPER = 466918., LOWER = 357589. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.448E-04$ PER METER
VISIBILITY LIMIT, UPPER = 87347., LOWER = 66894. METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = $.69$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 12
FOR DATA STARTING 21:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

355	403	233	43	23	5	1	2
4	3	3	3	0	4	2	1

EXTINCTION COEFFICIENT = $.379E-04$ PER METER
VISIBILITY LIMIT, UPPER = 103143., LOWER = 78992. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.72$ PER CC

DATA FOR CHANNELS 17 THRU 32

9	1	5	0	0	0	1	0
1	4	1	0	0	1	0	0

EXTINCTION COEFFICIENT = $.133E-04$ PER METER
VISIBILITY LIMIT, UPPER = 293636., LOWER = 224881. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.513E-04$ PER METER
VISIBILITY LIMIT, UPPER = 76331., LOWER = 58458. METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = $.74$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 13
FOR DATA STARTING 21:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

386	340	214	57	22	3	1	0
2	4	6	2	5	0	2	3

EXTINCTION COEFFICIENT = .370E-04 PER METER
VISIBILITY LIMIT, UPPER = 105660., LOWER = 80919. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .70 PER CC

DATA FOR CHANNELS 17 THRU 32

3	5	3	2	0	1	2	1
1	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .900E-05 PER METER
VISIBILITY LIMIT, UPPER = 434689., LOWER = 332906. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .460E-04 PER METER
VISIBILITY LIMIT, UPPER = 84999., LOWER = 65096. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .71 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 14
FOR DATA STARTING 22: 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

390	402	248	58	20	5	1	2
3	1	2	3	5	0	1	0

EXTINCTION COEFFICIENT = .391E-04 PER METER
VISIBILITY LIMIT, UPPER = 99980., LOWER = 76570. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .76 PER CC

DATA FOR CHANNELS 17 THRU 32

4	5	0	4	2	3	0	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .874E-05 PER METER
VISIBILITY LIMIT, UPPER = 447600., LOWER = 342794. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .479E-04 PER METER
VISIBILITY LIMIT, UPPER = 81725., LOWER = 62589. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .77 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 15
FOR DATA STARTING 22:10 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

443	407	234	59	23	2	0	0
2	5	4	4	0	3	2	0

EXTINCTION COEFFICIENT = $.407E-04$ PER METER
VISIBILITY LIMIT, UPPER = 96096., LOWER = 73595. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.79$ PER CC

DATA FOR CHANNELS 17 THRU 32

1	0	4	1	2	1	0	1
0	1	2	0	0	0	0	0

EXTINCTION COEFFICIENT = $.791E-05$ PER METER
VISIBILITY LIMIT, UPPER = 494510., LOWER = 378720. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.486E-04$ PER METER
VISIBILITY LIMIT, UPPER = 80460., LOWER = 61620. METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = $.80$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 10
FOR DATA STARTING 22120 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

408	412	243	71	23	3	0	1
4	9	4	8	2	3	0	3

EXTINCTION COEFFICIENT = .443E-04 PER METER
VISIBILITY LIMIT, UPPER = 88295., LOWER = 67621. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .80 PER CC

DATA FOR CHANNELS 17 THRU 32

5	8	5	3	3	2	1	0
0	0	0	0	0	0	1	0

EXTINCTION COEFFICIENT = .125E-04 PER METER
VISIBILITY LIMIT, UPPER = 312199., LOWER = 239097. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .568E-04 PER METER
VISIBILITY LIMIT, UPPER = 68829., LOWER = 52713. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .82 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 17
FOR DATA STARTING 22130 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

353	386	239	58	23	1	0	2
5	6	7	6	2	3	2	6

EXTINCTION COEFFICIENT = $.405E-04$ PER METER
VISIBILITY LIMIT, UPPER = 96559., LOWER = 73949. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.73$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	6	2	2	3	0	1	1
0	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = $.984E-05$ PER METER
VISIBILITY LIMIT, UPPER = 397605., LOWER = 304505. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.504E-04$ PER METER
VISIBILITY LIMIT, UPPER = 77691., LOWER = 59500. METERS
LIQUID WATER CONTENT = $.00017$ GM/M3
PARTICLE COUNT = $.75$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 18
FOR DATA STARTING 22:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

410	398	240	54	19	2	3	3
6	6	5	4	3	2	3	3

EXTINCTION COEFFICIENT = .415E-04 PER METER
VISIBILITY LIMIT, UPPER = 94189., LOWER = 72134. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .77 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	1	3	1	0	1	0
1	0	1	1	0	1	1	0

EXTINCTION COEFFICIENT = .137E-04 PER METER
VISIBILITY LIMIT, UPPER = 285002., LOWER = 218269. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .652E-05 PER METER
VISIBILITY LIMIT, UPPER = 599991., LOWER = 459503. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .618E-04 PER METER
VISIBILITY LIMIT, UPPER = 63321., LOWER = 48495. METERS
LIQUID WATER CONTENT = .00034 GM/M3
PARTICLE COUNT = .79 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 19
FOR DATA STARTING 22:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

400	403	222	44	18	3	0	1
2	3	2	1	1	0	2	5

EXTINCTION COEFFICIENT = $.381E-04$ PER METER
VISIBILITY LIMIT, UPPER = 102555., LOWER = 78542. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.74$ PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	3	4	1	1	1	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.659E-05$ PER METER
VISIBILITY LIMIT, UPPER = 593991., LOWER = 454907. METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.447E-04$ PER METER
VISIBILITY LIMIT, UPPER = 87456., LOWER = 66978. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = $.75$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 20
FOR DATA STARTING 231 0 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

444	480	263	60	15	3	0	1
0	3	4	2	1	3	3	4

EXTINCTION COEFFICIENT = .446E-04 PER METER
VISIBILITY LIMIT, UPPER = 87642., LOWER = 67121. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .86 PER CC

DATA FOR CHANNELS 17 THRU 32

3	0	3	3	3	0	0	1
0	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = .686E-05 PER METER
VISIBILITY LIMIT, UPPER = 569891., LOWER = 436450. METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .515E-04 PER METER
VISIBILITY LIMIT, UPPER = 75960., LOWER = 58174. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .87 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 21
FOR DATA STARTING 23:10 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

397	435	248	55	19	2	2	2
1	2	5	4	2	3	1	1

EXTINCTION COEFFICIENT = $.408E-04$ PER METER
VISIBILITY LIMIT, UPPER = 95803., LOWER = 73370. METERS
LIQUID WATER CONTENT = $.00008$ GM/M3
PARTICLE COUNT = $.79$ PER CC

DATA FOR CHANNELS 17 THRU 32

3	3	4	1	2	3	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.721E-05$ PER METER
VISIBILITY LIMIT, UPPER = 542689., LOWER = 415618. METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = $.01$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.480E-04$ PER METER
VISIBILITY LIMIT, UPPER = 81428., LOWER = 62361. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = $.80$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 22
FOR DATA STARTING 23:20 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

497	491	292	62	24	3	1	3
6	8	5	7	2	3	4	0

EXTINCTION COEFFICIENT = .495E-04 PER METER
VISIBILITY LIMIT, UPPER = 78960., LOWER = 60471. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .94 PER CC

DATA FOR CHANNELS 17 THRU 32

3	4	3	5	1	0	2	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .901E-05 PER METER
VISIBILITY LIMIT, UPPER = 434315., LOWER = 332620. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .602E-05 PER METER
VISIBILITY LIMIT, UPPER = 649755., LOWER = 497614. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .646E-04 PER METER
VISIBILITY LIMIT, UPPER = 60583., LOWER = 46398. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = .95 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 23
FOR DATA STARTING 23130 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

421	457	276	52	18	5	1	6
2	0	5	5	2	2	5	3

EXTINCTION COEFFICIENT = $.447E-04$ PER METER
VISIBILITY LIMIT, UPPER = 87608., LOWER = 67095. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.84$ PER CC

DATA FOR CHANNELS 17 THRU 32

5	4	4	2	1	3	0	0
0	3	0	0	0	1	2	0

EXTINCTION COEFFICIENT = $.163E-04$ PER METER
VISIBILITY LIMIT, UPPER = 239632., LOWER = 183522. METERS
LIQUID WATER CONTENT = $.00017$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.323E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = $.00006$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.642E-04$ PER METER
VISIBILITY LIMIT, UPPER = 60930., LOWER = 46663. METERS
LIQUID WATER CONTENT = $.00032$ GM/M3
PARTICLE COUNT = $.86$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 24
FOR DATA STARTING 23:40 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

421	435	240	52	19	4	1	1
3	3	6	8	3	6	9	2

EXTINCTION COEFFICIENT = $.446E-04$ PER METER
VISIBILITY LIMIT, UPPER = 87691., LOWER = 67158. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.81$ PER CC

DATA FOR CHANNELS 17 THRU 32

8	2	4	3	2	0	2	1
0	1	0	1	2	0	1	1

EXTINCTION COEFFICIENT = $.188E-04$ PER METER
VISIBILITY LIMIT, UPPER = 208233., LOWER = 159475. METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.634E-04$ PER METER
VISIBILITY LIMIT, UPPER = 61706., LOWER = 47257. METERS
LIQUID WATER CONTENT = $.00030$ GM/M3
PARTICLE COUNT = $.83$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 25
FOR DATA STARTING 23:50 ON 25/ 4/74

DATA FOR CHANNELS 1 THRU 16

570	588	340	65	27	6	1	4
3	6	4	1	1	3	4	4

EXTINCTION COEFFICIENT = .564E-04 PER METER
VISIBILITY LIMIT, UPPER = 69313., LOWER = 53083. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.08 PER CC

DATA FOR CHANNELS 17 THRU 32

9	8	5	0	2	1	5	0
1	1	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .179E-04 PER METER
VISIBILITY LIMIT, UPPER = 219080., LOWER = 167782. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .743E-04 PER METER
VISIBILITY LIMIT, UPPER = 52654., LOWER = 40325. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = 1.11 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 26
FOR DATA STARTING 01 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

507	498	306	61	27	6	2	4
4	2	3	5	2	1	4	4

EXTINCTION COEFFICIENT = $.503E-04$ PER METER
VISIBILITY LIMIT, UPPER = 77772., LOWER = 59562. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.96$ PER CC

DATA FOR CHANNELS 17 THRU 32

4	8	3	5	3	4	1	0
1	1	1	1	1	1	0	0

EXTINCTION COEFFICIENT = $.192E-04$ PER METER
VISIBILITY LIMIT, UPPER = 203243., LOWER = 155653. METERS
LIQUID WATER CONTENT = $.00017$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.373E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1049934, LOWER = 804091. METERS
LIQUID WATER CONTENT = $.00007$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.733E-04$ PER METER
VISIBILITY LIMIT, UPPER = 53388., LOWER = 40887. METERS
LIQUID WATER CONTENT = $.00035$ GM/M3
PARTICLE COUNT = $.98$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 27
FOR DATA STARTING 0110 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

469	520	287	67	18	3	3	6
5	9	4	4	1	2	5	3

EXTINCTION COEFFICIENT = $.499E-04$ PER METER
VISIBILITY LIMIT, UPPER = 78436., LOWER = 60070. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = $.94$ PER CC

DATA FOR CHANNELS 17 THRU 32

6	6	5	1	5	3	2	0
2	0	1	0	1	1	0	0

EXTINCTION COEFFICIENT = $.178E-04$ PER METER
VISIBILITY LIMIT, UPPER = 220139., LOWER = 168593. METERS
LIQUID WATER CONTENT = $.00015$ GM/M3
PARTICLE COUNT = $.02$ PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.430E-05$ PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = $.00$ PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.719E-04$ PER METER
VISIBILITY LIMIT, UPPER = 54372., LOWER = 41641. METERS
LIQUID WATER CONTENT = $.00035$ GM/M3
PARTICLE COUNT = $.96$ PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 28
FOR DATA STARTING 0120 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

447	508	277	72	20	2	0	2
4	3	6	6	0	6	2	5

EXTINCTION COEFFICIENT = .485E-04 PER METER
VISIBILITY LIMIT, UPPER = 80688., LOWER = 61794. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .91 PER CC

DATA FOR CHANNELS 17 THRU 32

7	4	3	3	0	1	0	1
1	0	1	1	0	0	0	0

EXTINCTION COEFFICIENT = .104E-04 PER METER
VISIBILITY LIMIT, UPPER = 375490., LOWER = 287568. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .589E-04 PER METER
VISIBILITY LIMIT, UPPER = 66416., LOWER = 50864. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .92 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 20
FOR DATA STARTING 0130 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

459	535	338	74	24	1	1	3
3	3	5	5	2	1	4	9

EXTINCTION COEFFICIENT = .528E-04 PER METER
VISIBILITY LIMIT, UPPER = 74110., LOWER = 56757. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .98 PER CC

DATA FOR CHANNELS 17 THRU 32

7	4	1	2	2	2	1	1
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .962E-05 PER METER
VISIBILITY LIMIT, UPPER = 406581., LOWER = 311380. METERS
LIQUID WATER CONTENT = .00008 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER = 1049934, LOWER = 804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .661E-04 PER METER
VISIBILITY LIMIT, UPPER = 59153., LOWER = 45302. METERS
LIQUID WATER CONTENT = .00026 GM/M3
PARTICLE COUNT = .99 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 30
FOR DATA STARTING 0140 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

443	594	320	80	22	5	1	3
4	5	2	7	2	1	4	3

EXTINCTION COEFFICIENT = .527E-04 PER METER
VISIBILITY LIMIT, UPPER = 74203., LOWER = 56820. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.00 PER CC

DATA FOR CHANNELS 17 THRU 32

7	1	8	7	3	0	2	0
0	0	1	0	0	1	0	1

EXTINCTION COEFFICIENT = .165E-04 PER METER
VISIBILITY LIMIT, UPPER = 237063., LOWER = 181554. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .157E-04 PER METER
VISIBILITY LIMIT, UPPER = 249015., LOWER = 190708. METERS
LIQUID WATER CONTENT = .00064 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .849E-04 PER METER
VISIBILITY LIMIT, UPPER = 46060., LOWER = 35275. METERS
LIQUID WATER CONTENT = .00090 GM/M3
PARTICLE COUNT = 1.02 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 31
FOR DATA STARTING 0150 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

558	662	325	70	34	4	2	2
2	7	4	8	5	2	8	7

EXTINCTION COEFFICIENT = .613E-04 PER METER
VISIBILITY LIMIT, UPPER = 63845., LOWER = 48896. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = 1.13 PER CC

DATA FOR CHANNELS 17 THRU 32

3	6	2	2	4	8	4	2
0	0	1	0	0	0	2	0

EXTINCTION COEFFICIENT = .205E-04 PER METER
VISIBILITY LIMIT, UPPER = 190734., LOWER = 146073. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .818E-04 PER METER
VISIBILITY LIMIT, UPPER = 47833., LOWER = 36633. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 1.16 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 32
FOR DATA STARTING 11 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

469	591	297	54	23	3	2	6
4	4	5	3	2	3	9	5

EXTINCTION COEFFICIENT = .532E-04 PER METER
VISIBILITY LIMIT, UPPER = 73525., LOWER = 56309. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .99 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	1	3	3	3	2	2
0	0	0	2	2	0	0	1

EXTINCTION COEFFICIENT = .196E-04 PER METER
VISIBILITY LIMIT, UPPER = 199733., LOWER = 152965. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .760E-04 PER METER
VISIBILITY LIMIT, UPPER = 51461., LOWER = 39411. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = 1.01 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 33
FOR DATA STARTING 1110 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

393	590	321	65	22	4	1	4
1	7	9	10	5	8	3	2

EXTINCTION COEFFICIENT = .531E-04 PER METER
VISIBILITY LIMIT, UPPER = 73718., LOWER = 56457. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .96 PER CC

DATA FOR CHANNELS 17 THRU 32

7	3	1	4	1	3	0	0
3	1	1	1	1	1	1	0

EXTINCTION COEFFICIENT = .189E-04 PER METER
VISIBILITY LIMIT, UPPER = 206664., LOWER = 158274. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	2	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .108E-04 PER METER
VISIBILITY LIMIT, UPPER = 363712., LOWER = 278548. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .828E-04 PER METER
VISIBILITY LIMIT, UPPER = 47274., LOWER = 36205. METERS
LIQUID WATER CONTENT = .00052 GM/M3
PARTICLE COUNT = .98 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 34
FOR DATA STARTING 1120 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

445	573	332	60	25	8	1	2
4	4	2	7	5	2	5	8

EXTINCTION COEFFICIENT = .539E-04 PER METER
VISIBILITY LIMIT, UPPER = 72579., LOWER = 55584. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .99 PER CC

DATA FOR CHANNELS 17 THRU 32

8	6	1	3	2	2	1	3
3	2	1	0	1	0	1	1

EXTINCTION COEFFICIENT = .229E-04 PER METER
VISIBILITY LIMIT, UPPER = 170883., LOWER = 130870. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .574E-05 PER METER
VISIBILITY LIMIT, UPPER = 681838., LOWER = 522165. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .825E-04 PER METER
VISIBILITY LIMIT, UPPER = 47401., LOWER = 36302. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 1.01 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 35
FOR DATA STARTING 1130 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

420	571	325	55	25	5	6	4
3	4	2	0	4	0	4	4

EXTINCTION COEFFICIENT = .502E-04 PER METER
VISIBILITY LIMIT, UPPER = 77876., LOWER = 59641. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .95 PER CC

DATA FOR CHANNELS 17 THRU 32

2	3	8	4	2	0	3	0
0	2	2	2	2	2	1	0

EXTINCTION COEFFICIENT = .252E-04 PER METER
VISIBILITY LIMIT, UPPER = 155248., LOWER = 118896. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .279E-05 PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = .00005 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .782E-04 PER METER
VISIBILITY LIMIT, UPPER = 50009., LOWER = 38299. METERS
LIQUID WATER CONTENT = .00042 GM/M3
PARTICLE COUNT = .98 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 36
FOR DATA STARTING 1140 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

491	526	324	65	27	1	2	3
4	5	1	3	2	3	5	6

EXTINCTION COEFFICIENT = .521E-04 PER METER
VISIBILITY LIMIT, UPPER = 75098., LOWER = 57514. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .98 PER CC

DATA FOR CHANNELS 17 THRU 32

4	5	3	2	2	4	2	1
1	1	0	0	1	2	0	0

EXTINCTION COEFFICIENT = .172E-04 PER METER
VISIBILITY LIMIT, UPPER = 227507., LOWER = 174236. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .693E-04 PER METER
VISIBILITY LIMIT, UPPER = 56461., LOWER = 43240. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.00 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 37
FOR DATA STARTING 1150 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

547	591	300	68	18	1	2	3
4	5	4	7	2	3	3	7

EXTINCTION COEFFICIENT = .553E-04 PER METER
VISIBILITY LIMIT, UPPER = 70788., LOWER = 54213. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.04 PER CC

DATA FOR CHANNELS 17 THRU 32

4	7	2	5	3	4	3	0
0	0	1	1	0	1	0	1

EXTINCTION COEFFICIENT = .188E-04 PER METER
VISIBILITY LIMIT, UPPER = 207841., LOWER = 159175. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .773E-04 PER METER
VISIBILITY LIMIT, UPPER = 50600., LOWER = 38752. METERS
LIQUID WATER CONTENT = .00035 GM/M3
PARTICLE COUNT = 1.07 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 38
FOR DATA STARTING 21 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

517	535	254	63	14	3	5	4
1	2	8	3	2	2	1	3

EXTINCTION COEFFICIENT = .487E-04 PER METER
VISIBILITY LIMIT, UPPER = 80385., LOWER = 61563. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .94 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	5	7	0	0	3	1
2	1	1	0	2	2	0	0

EXTINCTION COEFFICIENT = .213E-04 PER METER
VISIBILITY LIMIT, UPPER = 183360., LOWER = 140426. METERS
LIQUID WATER CONTENT = .00020 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .700E-04 PER METER
VISIBILITY LIMIT, UPPER = 35885., LOWER = 42000. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = .97 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 39
FOR DATA STARTING 2:10 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

590	583	320	73	28	3	1	2
4	8	7	6	3	2	1	2

EXTINCTION COEFFICIENT = .565E-04 PER METER
VISIBILITY LIMIT, UPPER = 69230., LOWER = 53020. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.09 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	8	4	2	1	2	2
1	4	2	0	1	2	0	0

EXTINCTION COEFFICIENT = .252E-04 PER METER
VISIBILITY LIMIT, UPPER = 155119., LOWER = 118798. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .323E-05 PER METER
VISIBILITY LIMIT, UPPER = 1212427, LOWER = 928536. METERS
LIQUID WATER CONTENT = .00006 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .850E-04 PER METER
VISIBILITY LIMIT, UPPER = 46049., LOWER = 35266. METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = 1.12 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 40
FOR DATA STARTING 2120 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

528	583	389	82	28	5	1	4
3	9	7	3	1	2	1	8

EXTINCTION COEFFICIENT = .558E-04 PER METER
VISIBILITY LIMIT, UPPER = 71880., LOWER = 54437. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.05 PER CC

DATA FOR CHANNELS 17 THRU 32

7	7	1	6	5	1	2	4
1	0	0	0	2	1	0	0

EXTINCTION COEFFICIENT = .285E-04 PER METER
VISIBILITY LIMIT, UPPER = 191236., LOWER = 146450. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .574E-05 PER METER
VISIBILITY LIMIT, UPPER = 681836., LOWER = 522185. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .812E-04 PER METER
VISIBILITY LIMIT, UPPER = 48159., LOWER = 36883. METERS
LIQUID WATER CONTENT = .00043 GM/M3
PARTICLE COUNT = 1.07 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 41
FOR DATA STARTING 2130 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

534	527	326	73	38	2	2	2
4	6	7	5	4	1	3	3

EXTINCTION COEFFICIENT = .538E-04 PER METER
VISIBILITY LIMIT, UPPER = 72764., LOWER = 55726. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = 1.02 PER CC

DATA FOR CHANNELS 17 THRU 32

2	10	4	2	5	1	3	2
0	0	4	0	1	0	0	0

EXTINCTION COEFFICIENT = .190E-04 PER METER
VISIBILITY LIMIT, UPPER = 205895., LOWER = 157685. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .771E-04 PER METER
VISIBILITY LIMIT, UPPER = 50762., LOWER = 38876. METERS
LIQUID WATER CONTENT = .00037 GM/M3
PARTICLE COUNT = 1.04 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 42
FOR DATA STARTING 2:40 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

520	586	352	69	24	5	6	3
4	4	8	6	1	1	3	9

EXTINCTION COEFFICIENT = $.573E-04$ PER METER
VISIBILITY LIMIT, UPPER = 68250., LOWER = 52269. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = 1.07 PER CC

DATA FOR CHANNELS 17 THRU 32

11	5	4	6	4	0	1	0
0	1	2	0	0	0	0	0

EXTINCTION COEFFICIENT = $.148E-04$ PER METER
VISIBILITY LIMIT, UPPER = 264528., LOWER = 202588. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.721E-04$ PER METER
VISIBILITY LIMIT, UPPER = 54252., LOWER = 41549. METERS
LIQUID WATER CONTENT = $.00023$ GM/M3
PARTICLE COUNT = 1.09 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 43
FOR DATA STARTING 2150 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

646	671	345	86	22	5	0	5
6	6	1	1	2	3	5	5

EXTINCTION COEFFICIENT = .626E-04 PER METER
VISIBILITY LIMIT, UPPER = 62533., LOWER = 47891. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = 1.21 PER CC

DATA FOR CHANNELS 17 THRU 32

6	6	4	2	5	0	1	3
1	0	2	0	1	0	0	1

EXTINCTION COEFFICIENT = .186E-04 PER METER
VISIBILITY LIMIT, UPPER = 209877., LOWER = 160734. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .109E-04 PER METER
VISIBILITY LIMIT, UPPER = 357980., LOWER = 274159. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .921E-04 PER METER
VISIBILITY LIMIT, UPPER = 42464., LOWER = 32521. METERS
LIQUID WATER CONTENT = .00057 GM/M3
PARTICLE COUNT = 1.23 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 44
FOR DATA STARTING 3: 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

557	616	355	72	23	4	1	3
3	7	1	6	5	2	6	9

EXTINCTION COEFFICIENT = $.600E-04$ PER METER
VISIBILITY LIMIT, UPPER = 65248., LOWER = 49970. METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = 1.11 PER CC

DATA FOR CHANNELS 17 THRU 32

5	8	9	6	0	2	2	0
2	0	0	2	0	1	0	1

EXTINCTION COEFFICIENT = $.211E-04$ PER METER
VISIBILITY LIMIT, UPPER = 185299., LOWER = 141011. METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.765E-05$ PER METER
VISIBILITY LIMIT, UPPER = 511321., LOWER = 391595. METERS
LIQUID WATER CONTENT = $.00022$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.887E-04$ PER METER
VISIBILITY LIMIT, UPPER = 44095., LOWER = 33770. METERS
LIQUID WATER CONTENT = $.00054$ GM/M3
PARTICLE COUNT = 1.14 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 45
FOR DATA STARTING 3110 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

524	661	390	85	20	6	1	3
2	6	5	5	2	2	5	5

EXTINCTION COEFFICIENT = $.608E-04$ PER METER
VISIBILITY LIMIT, UPPER = 64330., LOWER = 49267, METERS
LIQUID WATER CONTENT = $.00013$ GM/M3
PARTICLE COUNT = 1.15 PER CC

DATA FOR CHANNELS 17 THRU 32

12	6	2	6	2	2	2	3
0	0	1	0	1	0	1	1

EXTINCTION COEFFICIENT = $.216E-04$ PER METER
VISIBILITY LIMIT, UPPER = 180732., LOWER = 138413, METERS
LIQUID WATER CONTENT = $.00020$ GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.279E-05$ PER METER
VISIBILITY LIMIT, UPPER = 1400069, LOWER = 1072241 METERS
LIQUID WATER CONTENT = $.00005$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.853E-04$ PER METER
VISIBILITY LIMIT, UPPER = 45888., LOWER = 35143, METERS
LIQUID WATER CONTENT = $.00038$ GM/M3
PARTICLE COUNT = 1.17 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 46
FOR DATA STARTING 3:20 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

566	689	354	68	23	8	4	5
7	9	5	7	3	3	3	4

EXTINCTION COEFFICIENT = .621E-04 PER METER
VISIBILITY LIMIT, UPPER = 62965., LOWER = 48222. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = 1.17 PER CC

DATA FOR CHANNELS 17 THRU 32

7	5	4	3	8	5	2	2
1	3	3	1	1	0	0	1

EXTINCTION COEFFICIENT = .289E-04 PER METER
VISIBILITY LIMIT, UPPER = 135434., LOWER = 103722. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .430E-05 PER METER
VISIBILITY LIMIT, UPPER = 909219., LOWER = 696324. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .953E-04 PER METER
VISIBILITY LIMIT, UPPER = 41042., LOWER = 31432. METERS
LIQUID WATER CONTENT = .00049 GM/M3
PARTICLE COUNT = 1.20 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 47
FOR DATA STARTING 3:30 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

600	701	427	74	28	0	2	6
1	7	7	2	2	3	4	6

EXTINCTION COEFFICIENT = .655E-04 PER METER
VISIBILITY LIMIT, UPPER = 59691., LOWER = 45714. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = 1.25 PER CC

DATA FOR CHANNELS 17 THRU 32

3	7	13	6	7	4	1	1
0	1	1	0	2	0	0	0

EXTINCTION COEFFICIENT = .231E-04 PER METER
VISIBILITY LIMIT, UPPER = 169583., LOWER = 129875. METERS
LIQUID WATER CONTENT = .00019 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .886E-04 PER METER
VISIBILITY LIMIT, UPPER = 44151., LOWER = 33813. METERS
LIQUID WATER CONTENT = .00032 GM/M3
PARTICLE COUNT = 1.28 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 48
FOR DATA STARTING 3:40 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

714	760	434	103	42	4	2	3
5	4	4	0	0	2	0	3

EXTINCTION COEFFICIENT = $.702E-04$ PER METER
VISIBILITY LIMIT, UPPER = 55730., LOWER = 42681. METERS
LIQUID WATER CONTENT = $.00014$ GM/M3
PARTICLE COUNT = 1.39 PER CC

DATA FOR CHANNELS 17 THRU 32

9	6	4	0	2	3	2	1
1	0	1	0	0	0	0	0

EXTINCTION COEFFICIENT = $.128E-04$ PER METER
VISIBILITY LIMIT, UPPER = 305369., LOWER = 233866. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.830E-04$ PER METER
VISIBILITY LIMIT, UPPER = 47129., LOWER = 36094. METERS
LIQUID WATER CONTENT = $.00023$ GM/M3
PARTICLE COUNT = 1.41 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 49
FOR DATA STARTING 3150 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

575	764	430	80	34	1	2	2
4	2	3	3	5	7	4	2

EXTINCTION COEFFICIENT = .669E-04 PER METER
VISIBILITY LIMIT, UPPER = 58440., LOWER = 44756. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = 1.28 PER CC

DATA FOR CHANNELS 17 THRU 32

3	7	6	0	4	2	3	1
1	0	0	1	1	0	0	0

EXTINCTION COEFFICIENT = .150E-04 PER METER
VISIBILITY LIMIT, UPPER = 260134., LOWER = 199223. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .861E-05 PER METER
VISIBILITY LIMIT, UPPER = 454609., LOWER = 348162. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .906E-04 PER METER
VISIBILITY LIMIT, UPPER = 43186., LOWER = 33074. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = 1.30 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 50
FOR DATA STARTING 4: 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

453	666	381	87	34	3	0	2
2	4	1	2	0	2	4	7

EXTINCTION COEFFICIENT = $.580E-04$ PER METER
VISIBILITY LIMIT, UPPER = 67453., LOWER = 51659. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = 1.10 PER CC

DATA FOR CHANNELS 17 THRU 32

4	1	2	4	1	0	0	0
3	0	0	1	0	0	1	0

EXTINCTION COEFFICIENT = $.105E-04$ PER METER
VISIBILITY LIMIT, UPPER = 372159., LOWER = 285018. METERS
LIQUID WATER CONTENT = $.00010$ GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.685E-04$ PER METER
VISIBILITY LIMIT, UPPER = 57103., LOWER = 43732. METERS
LIQUID WATER CONTENT = $.00022$ GM/M3
PARTICLE COUNT = 1.11 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 51
FOR DATA STARTING 4:10 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

559	729	461	94	26	9	3	5
2	2	6	4	3	3	7	10

EXTINCTION COEFFICIENT = .693E-04 PER METER
VISIBILITY LIMIT, UPPER = 56437., LOWER = 43222. METERS
LIQUID WATER CONTENT = .00015 GM/M3
PARTICLE COUNT = 1.28 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	4	1	4	2	1	1
1	2	0	0	1	0	0	0

EXTINCTION COEFFICIENT = .139E-04 PER METER
VISIBILITY LIMIT, UPPER = 280462., LOWER = 214791. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .883E-05 PER METER
VISIBILITY LIMIT, UPPER = 442792., LOWER = 339112. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .921E-04 PER METER
VISIBILITY LIMIT, UPPER = 42476., LOWER = 32530. METERS
LIQUID WATER CONTENT = .00053 GM/M3
PARTICLE COUNT = 1.30 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 52
FOR DATA STARTING 4120 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

473	630	348	76	23	3	2	4
4	5	4	1	3	1	4	6

EXTINCTION COEFFICIENT = .560E-04 PER METER
VISIBILITY LIMIT, UPPER = 69891., LOWER = 53526. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.06 PER CC

DATA FOR CHANNELS 17 THRU 32

6	8	3	5	5	1	1	1
0	1	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .130E-04 PER METER
VISIBILITY LIMIT, UPPER = 300099., LOWER = 229830. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .690E-04 PER METER
VISIBILITY LIMIT, UPPER = 56689., LOWER = 43415. METERS
LIQUID WATER CONTENT = .00021 GM/M3
PARTICLE COUNT = 1.08 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 53
FOR DATA STARTING 4130 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

446	667	404	70	25	3	3	1
3	4	5	4	4	0	3	7

EXTINCTION COEFFICIENT = .585E-04 PER METER
VISIBILITY LIMIT, UPPER = 66847., LOWER = 51195. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.10 PER CC

DATA FOR CHANNELS 17 THRU 32

4	3	5	5	1	1	1	2
0	0	0	0	0	1	0	0

EXTINCTION COEFFICIENT = .112E-04 PER METER
VISIBILITY LIMIT, UPPER = 349913., LOWER = 267980. METERS
LIQUID WATER CONTENT = .00009 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .373E-05 PER METER
VISIBILITY LIMIT, UPPER = 1049934, LOWER = 804091. METERS
LIQUID WATER CONTENT = .00007 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .734E-04 PER METER
VISIBILITY LIMIT, UPPER = 53277., LOWER = 40802. METERS
LIQUID WATER CONTENT = .00029 GM/M3
PARTICLE COUNT = 1.12 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 54
FOR DATA STARTING 4:40 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

428	646	393	77	23	5	0	3
4	7	3	2	0	1	0	12

EXTINCTION COEFFICIENT = .563E-04 PER METER
VISIBILITY LIMIT, UPPER = 67136., LOWER = 51416. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = 1.07 PER CC

DATA FOR CHANNELS 17 THRU 32

9	5	2	3	1	1	0	0
1	1	1	0	0	0	1	0

EXTINCTION COEFFICIENT = .124E-04 PER METER
VISIBILITY LIMIT, UPPER = 315123., LOWER = 241337. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .707E-04 PER METER
VISIBILITY LIMIT, UPPER = 55345., LOWER = 42386. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.09 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 55
FOR DATA STARTING 4150 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

443	665	410	86	32	5	1	2
3	5	5	4	1	3	2	4

EXTINCTION COEFFICIENT = .589E-04 PER METER
VISIBILITY LIMIT, UPPER = 66382., LOWER = 58839. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.11 PER CC

DATA FOR CHANNELS 17 THRU 32

1	3	1	4	2	3	0	2
0	0	1	1	0	0	1	0

EXTINCTION COEFFICIENT = .122E-04 PER METER
VISIBILITY LIMIT, UPPER = 320068., LOWER = 245124. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = .01 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .663E-05 PER METER
VISIBILITY LIMIT, UPPER = 590456., LOWER = 452200. METERS
LIQUID WATER CONTENT = .00018 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .778E-04 PER METER
VISIBILITY LIMIT, UPPER = 50296., LOWER = 38519. METERS
LIQUID WATER CONTENT = .00041 GM/M3
PARTICLE COUNT = 1.13 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 56
FOR DATA STARTING 51 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

406	709	400	59	21	5	2	4
5	8	5	7	1	2	1	3

EXTINCTION COEFFICIENT = .577E-04 PER METER
VISIBILITY LIMIT, UPPER = 67783., LOWER = 51912. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.09 PER CC

DATA FOR CHANNELS 17 THRU 32

6	4	2	3	0	3	0	1
0	2	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .125E-04 PER METER
VISIBILITY LIMIT, UPPER = 312336., LOWER = 239202. METERS
LIQUID WATER CONTENT = .00011 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .702E-04 PER METER
VISIBILITY LIMIT, UPPER = 55696., LOWER = 42655. METERS
LIQUID WATER CONTENT = .00023 GM/M3
PARTICLE COUNT = 1.11 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 57
FOR DATA STARTING 5110 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

403	667	396	80	28	8	4	4
5	10	7	4	1	2	7	6

EXTINCTION COEFFICIENT = .597E-04 PER METER
VISIBILITY LIMIT, UPPER = 65532., LOWER = 50187. METERS
LIQUID WATER CONTENT = .00013 GM/M3
PARTICLE COUNT = 1.09 PER CC

DATA FOR CHANNELS 17 THRU 32

8	3	3	6	4	0	1	0
0	1	0	2	0	1	0	1

EXTINCTION COEFFICIENT = .175E-04 PER METER
VISIBILITY LIMIT, UPPER = 223148., LOWER = 170897. METERS
LIQUID WATER CONTENT = .00017 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = .574E-05 PER METER
VISIBILITY LIMIT, UPPER = 681838., LOWER = 522185. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .830E-04 PER METER
VISIBILITY LIMIT, UPPER = 47153., LOWER = 36112. METERS
LIQUID WATER CONTENT = .00044 GM/M3
PARTICLE COUNT = 1.11 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 50
FOR DATA STARTING 5:20 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

436	727	374	85	32	7	5	2
1	5	2	5	1	3	3	0

EXTINCTION COEFFICIENT = $.600E-04$ PER METER
VISIBILITY LIMIT, UPPER = 65166., LOWER = 49907. METERS
LIQUID WATER CONTENT = $.00012$ GM/M3
PARTICLE COUNT = 1.13 PER CC

DATA FOR CHANNELS 17 THRU 32

8	3	4	2	3	1	1	0
0	2	0	0	0	0	0	1

EXTINCTION COEFFICIENT = $.127E-04$ PER METER
VISIBILITY LIMIT, UPPER = 306979., LOWER = 235100. METERS
LIQUID WATER CONTENT = $.00011$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	1	0	1	0	0	1
0	0	0	0	0	0	0	0

EXTINCTION COEFFICIENT = $.163E-04$ PER METER
VISIBILITY LIMIT, UPPER = 239336., LOWER = 183295. METERS
LIQUID WATER CONTENT = $.00041$ GM/M3
PARTICLE COUNT = .00 PER CC

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.891E-04$ PER METER
VISIBILITY LIMIT, UPPER = 43896., LOWER = 33610. METERS
LIQUID WATER CONTENT = $.00064$ GM/M3
PARTICLE COUNT = 1.15 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 59
FOR DATA STARTING 5130 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

361	701	403	80	30	7	0	2
3	5	0	3	1	1	4	3

EXTINCTION COEFFICIENT = .573E-04 PER METER
VISIBILITY LIMIT, UPPER = 68317., LOWER = 52320. METERS
LIQUID WATER CONTENT = .00012 GM/M3
PARTICLE COUNT = 1.07 PER CC

DATA FOR CHANNELS 17 THRU 32

5	8	6	1	3	1	0	0
0	0	2	0	1	0	0	0

EXTINCTION COEFFICIENT = .126E-04 PER METER
VISIBILITY LIMIT, UPPER = 309527., LOWER = 237051. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .699E-04 PER METER
VISIBILITY LIMIT, UPPER = 55965., LOWER = 42800. METERS
LIQUID WATER CONTENT = .00022 GM/M3
PARTICLE COUNT = 1.09 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 60
FOR DATA STARTING 5140 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

388	768	414	83	31	5	2	1
2	5	5	3	4	6	7	6

EXTINCTION COEFFICIENT = .630E-04 PER METER
VISIBILITY LIMIT, UPPER = 62093., LOWER = 47554. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = 1.15 PER CC

DATA FOR CHANNELS 17 THRU 32

8	5	6	2	1	1	1	0
0	0	1	1	1	0	0	0

EXTINCTION COEFFICIENT = .128E-04 PER METER
VISIBILITY LIMIT, UPPER = 305855., LOWER = 234239. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .758E-04 PER METER
VISIBILITY LIMIT, UPPER = 51614., LOWER = 39529. METERS
LIQUID WATER CONTENT = .00024 GM/M3
PARTICLE COUNT = 1.17 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 61
FOR DATA STARTING 5:50 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

469	775	445	92	24	9	3	2
5	5	4	5	6	2	5	6

EXTINCTION COEFFICIENT = .666E-04 PER METER
VISIBILITY LIMIT, UPPER = 58696., LOWER = 44952. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = 1.24 PER CC

DATA FOR CHANNELS 17 THRU 32

6	7	3	3	6	2	0	0
2	3	1	2	0	0	0	0

EXTINCTION COEFFICIENT = .192E-04 PER METER
VISIBILITY LIMIT, UPPER = 203715., LOWER = 156015. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .859E-04 PER METER
VISIBILITY LIMIT, UPPER = 45567., LOWER = 34897. METERS
LIQUID WATER CONTENT = .00030 GM/M3
PARTICLE COUNT = 1.26 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 02
FOR DATA STARTING 6: 0 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

666	945	470	107	27	4	1	6
5	12	5	7	1	4	3	6

EXTINCTION COEFFICIENT = .795E-04 PER METER
VISIBILITY LIMIT, UPPER = 49196., LOWER = 37676. METERS
LIQUID WATER CONTENT = .00016 GM/M3
PARTICLE COUNT = 1.51 PER CC

DATA FOR CHANNELS 17 THRU 32

9	3	6	5	2	1	1	0
0	0	1	0	0	1	0	0

EXTINCTION COEFFICIENT = .131E-04 PER METER
VISIBILITY LIMIT, UPPER = 298743., LOWER = 228792. METERS
LIQUID WATER CONTENT = .00010 GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .926E-04 PER METER
VISIBILITY LIMIT, UPPER = 42240., LOWER = 32349. METERS
LIQUID WATER CONTENT = .00027 GM/M3
PARTICLE COUNT = 1.53 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 63
FOR DATA STARTING 6:10 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

1163	1715	964	234	46	4	2	2
1	4	3	5	5	1	5	7

EXTINCTION COEFFICIENT = .142E-03 PER METER
VISIBILITY LIMIT, UPPER = 27564., LOWER = 21110. METERS
LIQUID WATER CONTENT = .00028 GM/M3
PARTICLE COUNT = 2.77 PER CC

DATA FOR CHANNELS 17 THRU 32

13	8	2	6	2	2	1	2
1	2	1	0	0	0	0	0

EXTINCTION COEFFICIENT = .180E-04 PER METER
VISIBILITY LIMIT, UPPER = 217569., LOWER = 166625. METERS
LIQUID WATER CONTENT = .00014 GM/M3
PARTICLE COUNT = .03 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = .160E-03 PER METER
VISIBILITY LIMIT, UPPER = 24465., LOWER = 18736. METERS
LIQUID WATER CONTENT = .00042 GM/M3
PARTICLE COUNT = 2.80 PER CC

NEPHELOMETER DATA

SERIES # CTS-10, TEST # 64
FOR DATA STARTING 6:20 ON 26/ 4/74

DATA FOR CHANNELS 1 THRU 16

3557	5768	3764	971	168	5	1	3
8	6	3	4	2	5	6	6

EXTINCTION COEFFICIENT = $.483E-03$ PER METER
VISIBILITY LIMIT, UPPER = 8102., LOWER = 6205. METERS
LIQUID WATER CONTENT = $.00093$ GM/M3
PARTICLE COUNT = 9.52 PER CC

DATA FOR CHANNELS 17 THRU 32

10	7	2	1	4	1	1	1
1	0	0	1	0	0	0	0

EXTINCTION COEFFICIENT = $.125E-04$ PER METER
VISIBILITY LIMIT, UPPER = 313869., LOWER = 240376. METERS
LIQUID WATER CONTENT = $.00009$ GM/M3
PARTICLE COUNT = .02 PER CC

DATA FOR CHANNELS 33 THRU 48

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

DATA FOR CHANNELS 49 THRU 64

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

GRAND TOTALS

SAMPLE VOLUME = 1500. CC
EXTINCTION COEFFICIENT = $.495E-03$ PER METER
VISIBILITY LIMIT, UPPER = 7898., LOWER = 6049. METERS
LIQUID WATER CONTENT = $.00102$ GM/M3
PARTICLE COUNT = 9.54 PER CC

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